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OCTOBER 1996 - CONTENTS

Editorial



If you want to know about speed then this is the issue for you. The Amiga has been criticised for being too slow in the post, but the accelerators on show here take it into a different league. They are expensive yes but you can't expect to echieve performance without cost. It is an equation which doesn't add up

On the feature front we take a look at the situation in North Amancs, the home of ViScorp, and thus the new home of the Arrige The Arriga show in Canada is covered along with VIScorp's activities and the general state of hardware and softwere development on that continent. We also look at the next generation of Amigs Commis softwara, represented by the reviews of Miemi and

Termite on pages 50 and 51. These packages are the most advenced of their kind, not just on Arriga but on any other platform end, combined with the best equipment available for Amiga, they can leave other computers standing

Many thanks to all of you who sent back the letter to VIScorp conted in the August issue Unfortunately, due to problems with the Arings buyout (see news), we have been unable to communicate all your opinions to them yet, but faar not, this has ectually been advantageous. there are now more replies in the post bag than we ever imagined receiving. By holding on a lifttle bit longs; wa have an even more impressive horde of responses with which to make VIScorp

Finally, es of November we go monthly with our CU Arrigs Magazine Super CDs. As usual they will be packed with the best softwara, pics





Cover Story and Features

20 Amiga Stateside story Our recent Euroscene feature

covered how the Amiga is doing in Europe. Now it's time to look further afield and check out the current state of play of the Amiga across the pond.

24 To infinity and beyond

The Net is here to stay. The Amiga has been linked to the Net longer than any other machine so it should be up to us to lead the way forward. We examine the next generation of Net software for the Amiga.



53 Accelerators

Now everyone can harness the awesome power of the 68060 processor, thanks to the new Cyberstorm II 060 and the Apollo 1260 cards. For those with slightly less spending power there's also the highly desirable 68040-equipped Apollo 1240. Turn to page 53 for all the details.

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Cover Disks



8 Upper Disk Tools

Cover disk 142 is something you should always have bendy in case of amargancies se it will halp you recover those vitel files in the case of e total hard drive brankdown. Upper Disk Tools is really two programs: Recovery and DSBeckup and thay're both yours on this excellent cover disk.

12 Mikro Mortal Tennis This little halter of a tappie game on cover disk 143 racked into the office lest week and complately won us over

gama set end match. We were so impressed by it we decided to put it on our cover disk. Try out a faw matches for yourself, you can play aithar ercede moda or pleyar vs playar mode in this damo.

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Devices list. You may pass chouse device sensing season. Dece done, press Show and the precise sills of this portition are displayed. From here e infiliat cae be saved out. In the event of a loss of device, it should be possible to restore the drive he system by using MOUNT <filesoms> where the process of to the system by using MOUNT - filesames, where the filename is the ones you sixed out the reconstitution of the filesame is the ones you sixed out the reconstitution of the filesame is the filesame in the filesame in the filesame is the filesame in the filesame in the filesame is the filesame in the filesame in the filesame in the filesame is the filesame in the filesame in the filesame in the filesame is the filesame in the

on that drive, in this way one RDB file performs the same as many morth Bitt. Are a see four, the If the RDB for that hard files, and see four, the If the RDB for that hard files, can be chasses after highlightein the host disks to write the mountile too. Note that office a serious hard drive corruption, the devices whose restored may alway an RDDB or the libs (plear that, Recovery alreaded till be also that the libs (plear that, Recovery alreaded till be also below the libs (plear that, Recovery alreaded till be also that all the libs (plear that, Recovery alreaded till be seen for RDB and the libs (plear that, Recovery alreaded till be and fire RDB and mountility on floright disk, although it your hard drive RDB and mountility on floright disk, although it you hard drive RDB and mountility on floright disk, although it your hard drive RDB and mountility on floright disk, although it you hard drive RDB and mountility on floright disk, although it you hard drive RDB and mountility on floright disk and the place means for they place means for visible to on RDB.



Sleep easier at nights, safe in the knowledge that if all is lost on your Amiga you could get it all back in one piece thanks to Upper Disk Tools.



sists of two prorecovery program funsurpusingly) called Recovery and e disk structure backup program called DSBackup They can both be run straight from this month's cover disk or they can be installed onto floppy or hard drive You will need as least

Arnica OS 2 0 to use either package. Also please note that Upper Disk Tools doesn't work with Fourth Level Development's

AFS filesystem The Recovery program is unlike conventional disk salvaging tools such as ArniBack Tools and DiskSalv Whereas these two packages work from a single GUI, when you run Recovery you get a GUI with sev However, it's simple than it looks, as Recovery creates a handy AmigaBOS device called REC whan run This device laballed Recovery has a hard drive icon and it can be used via the Workbench REC, can also be used with eny Amiga program capable of eccessing devices such as the AmigaDOS Shall or a directory utility like Directory Opus Whether using when a directory is obtained of the REC device, two drawers



A Missa you liest row Recovery it leaks a let confusing an thorn a let of produces last in fact of a very sample



A Ton case now Receivery's REC domine with Expectacy Spine and other punitur programs:

Sarch for files. Savieted Lent		FF2 Scanned di-town	
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A The Recovery STIT can be usually occurrent by saving the but key control-alt-c.

will appear called Drives and will contain sub directores for each and every OFS/FFS formatted track based device on your Amiga. When one of those directores is entered, Recovery will scan the drive concerned. Whather it per-Deleted Lost and Headerless files the drive depends on the setting of GUI The Fast setting is fast but won't show all files while Deep shows every file but needs to read once a directory has been obtained able for the rest of the Amiga system. The scanned driver will either be write protected at dismounted again there's a cycle gadget for this on the Recovery GUI called Before start scenning a disk make it In order to free the days up again so that the system can use the Recovery GUI All that's needits entry end press Free Dave it

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will then be available for the rest A quick scan By using Recovery in this way, any drive from simple floopy disks to

the lergest hard drives can have

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REC device will not complein errors. It will contain the tiles whether they are whole or demselective recovery to a massive disk salve operation by copying be performed in the latter case the offending HD can then be formetted end the conof the REC* device. At any time the Recovery GUI can be hidden by pressing the Hide button. The hot-key combination control-alt-r will make it inappesi when needed

them However if more senous

Take note

There's a few tips to take note of with Recovery If the drive in question has read arrors, you'd be well advised to click on the Skip reed Eirors checkbox on the Recovery GUI You could #? oif in the Search pettern on option which may be activated from the options menu to activate Recovery's Low slow things down but at least

deleted fries quickly copied off les to a bug in serigugaide. Hibrary V3C.11 that provocts it from working narractly th Amiss UBS 2.94, 2.95 and 2.1 the on line help facility has have comeved for hose who run make that version of the operating system. This bug was discovered or the Baser Dick Tooks documentation had been grinted. We greatly report the used in resource bucciouslify from our sultreace, het left it numeracy to present notower failure during eas. This alteration does not affect wears with AmigaDDS 2.0 or higher as long as analoggo'de libeary V20 (supplied with AmigaDDS 3.0 ord abusu) in evailable to the system. Dallou belp is still available to users whose Aminas are mooding face then Amina DOS 3,D. It will be letthe farm of help windows ner thus Amigaguide. We went to apologies for any inconvenience to all the re affected by this last minute abouge. A new fixed version of anigageide library amoin autwork is the form of programs (patches) that applate the instr software. Ainti sote that buy Ures and mixor enhancements will be meds available rin the same route (public domain) noni Lumos.

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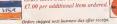
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Upper Disk Tools

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Upper Disk Tools is a hardy program to know around as it could prove to his a life severy the distances event in a could prove to his it is severy the distances event in a could prove to his a life severy the distances event that about it, the little program could help you retrieve all those upon distallas as easier that distances are page saight for more details on exceed how it performs this minutely.

Upper Disk Tools (UDT) is really two programs: Recovery and Oblineas of Notice (UDT) is really two programs. Recovery many distances are recovery and Oblineas of Notice (UDT) in the life programs of Notice (UDT) is really two programs. Recovery many distances of the several programs and the several programs of the new distances of the ne

mm tibre and Nichariet 2.1 to use the non-legible languages writings of the excludagues. You can run UDT from the cover disk or choose to least dist to your hard drive. To least from the cover disk insert the Workhanis. From him, a near the UDT directory and elimity Workhanis. From him, a near the UDT directory and elimity elick on DSBackey or Recovery. The same operation can be performed by booting from your own Workhanek either on though with the world drive.

Simply safer the lactail directory and click on the installer for wikickness inguinges, you prince! UDT will default to English, Recovery and DSBackup can the deepged onto any dipt or kned they be partition you like to red drive.

Remember that you'll need a copy of UDT on floppy disk is case something goes seriessly wrong with a kerd drive so it might be a good idea to make a backup copy of the cover

IF YOUR DISK/CO WON'T LOAD

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DESCRISE EXACTLY WHAT HAPPENS THEN THU THY TO LOAD THE BISH.

Mikro Mortal Tennis



Diek number 143: Not only is Mikro Mortal Tennis e funky little tennis game, it slelso a self hooting disk. All you have to do is Insert cover disk 143 into your internal drive and restart your Amice But first of all plug your lovstick in You need it to play your Amipa it will take about a landed you will be presented with an options screen that arcade mode or a player Vs player mode. Use your joy-

stick to topgle which option you want After choosing you will enter a playing screen as one of the two players. To serve press the fire button and move the joystick to place the short-lived red target roughly on the spot you want to serve to To return the ball first position yourself, then press the fire your joystick pressed firmly in the direction you want to return to Try different serves and moving towards and back from the net. The mein feetures disabled in this demo are the Isague and championship options but you should still have fun in both modes evailable Don't forget your Robinson's barley water now!







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Saving Amiga Takes Longer Than Expected

he legal difficulties pointed out by Bill Buck regarding the Amigs takeover have magnt that no new announcements have been made by the Chicago compeny about their Amiga plans Despite tecit with a licence possibly confirmation that a cheapili A4000T would be top of their list rare interview carnad out by Thomas Svenson of Amiga Info magazine in Sweden. tha whole ViScorp menage ment team heve ramainad remarkably tight lipped As Mr Buck indicated in his press release last month there are still reparding owner

copyright parts unsatisfactorily Escom when they took over Amine This could be a big headeche for ViScom who intend to use the Amiga as the basis for their EO set-top box If Amige copyright is even partially owned by another company or if there is a grey area surrounding the own-

pevable to a third party. This is obviously not what ViScorp intended when they announced that they were purchasing the Arreas lock stock and barral several months ago. So the process has still not finished at time of writing despite sevarel announcements that it had

We have now received over 2,000 responses to the save the Amice campaign. They have come as well as the UK and many people have edded their own comments to the list wa made on

the letter

ments next month. By then we can only hope that the lagal srt ation has been sorted out end they can give us some positive concrete enswers

The Little People

Chief emong paople's comments

are their loyalty to the Amaga, have

ing upgraded and supported the

computer through thick and thin

and all want to continue using the

Amigs in an advanced form past

the year 2000. Wa have now gath

ered all the rasponses for the

month and will be presenting

them in a post sack to VIScorp

We'll have their first com-

As well as Erigma OTM are currently working on another new title This new game may be called anomes in tribute to the sters of the game those loveable garden ornements. So far it is billed as puzzle geme which as well as ell the usual bolts and will featura an extra special installar which will recognise which machine (Gnomes will on all Arnigas with 1Mb as well PCs) you have end install the vant graphics, sound FX and music Superb.



ICPUG Trial Offer Delfina DSP Imminent

For those not familiar with ICPUG, the former Independent Computer Products Usais Group. # is a network of Arrige (and Commodore 641 fenatics who swop information edvice and software for their favourite comespects of Amiga and if you are a sengus user and you want to contact like minded people you might find it useful to get in offaring a toal membership from this September through to the

the end of the year for £10 00 in The non-profit-making organi sation which was formed in 1978 with the aim of supporting most home computers, but espacially Amiga, as well as PC and other machines made by the former Commodore compeny.

The trial membership includes two issues of the ICPUG Journal, use of the ICPUG free PD aoftware library for the Amige, and all other Commodore computers, Windows) for the PC Discounts and technical help hat hoss are available for members.

Through the Readers Winte

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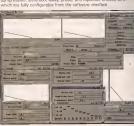
в теја

section of the ICPUG Journal membars can contect other users ! demisa of Commodore and the Wanted' column is often the only means of accurring items which ara now out of productron

To get more details call that Membership Secretary, Tim Amot, 17 Caine Days, Ockfields, Didcot, Oxon OX11 78Z or Email him on



A new sound card offenng realtime digital audio affacts in 16-bit stereo is almost ready for release. The Zorro card known as Dalfina, from Finnish developers Petsoff, has had its full release dalayed slightly while the final touches are made to the software. We expect to be able to bring you e full review in the next issue of CU Amiga Magazine When used as a realtime sound processor the card offers noise gate romoression, distortion, delay, pheser and equalism effects, all of



A Bellian is the most suching pedie add on the Assign has mor more, with words-quality effects processed

Blittersoft Announces New Deals Amiga Top 10 Bittersoft now join Herwoods as · Max non-interlaced res

suppliers for the full range of Arriga products from Germen peripherals daveloper Phase 5

They will be supplying the Cybargraphics caids ea well es their various peripherals such as

SCSI chips etc. Blitftersoft will also be carrying the new Picasso IV graphics card released in competition with the Cybervision from Phase 5 we announced last month

This new board will be fully have the following feetures as standard:

. 64-bit Cirrus Logic 5446 Chip Mex Pixal clock 135 MHz



- 1280 x 1024 (8-bit) and 1024 x
- 763 (24-bit). . Mec 4Mb EDO RAM (2Mb standard).
- · Flicker fixer on board
- · Zpiro II/III autosenaing · Video on Workbench
 - e scalable LIVE video window
 - · Audio capebility such as switching between different sound sources, onginal Arriga
 - sound, graphic board itself (sound chip future upgrade), CC
 - · Competible with ganlock · Ports for additional modules such as MPEG, TVTunar, Sound
 - and 3D-Chip The new Piceaso IV graphics card from Slittersoft is dua

of Novamber and should be priced around £399 95 for the 2Mb board. We will hopefully heve a head to head between a and the CyberVision 64/3D in th next month or two So watch th space very carafully

3	Supplied by HMV			
	No	Title	Publisher	
	1	Worms	Ocean	
	2	Klok Off 96	Anco	
	3	The Killing Grounde	Ocean	
	4	Sanalble Golf	Virgin	
D-	5	Super Tennis Chemps	Audiogenic	
d	6	Sensible World of Soccer Euro'96	Warner	
5	7	Premier Meneger 3 Daluxe	Gramlin	
	6	Ultimate Soccer Meneger Data	Sierre	
rt	9	Super Skidmarka	Gulidheli	
he his	10	Brian Lara Cricket '96	Audiogenic	

Opus 5.5 Now Ready

One of the Amiga's most essential utilities. Directory Opus 5 0. has aust been upgraded to version 5.5. The original award winning 4.0 was covar mounted on CU Amiga Magazine in February 1995 and was supar seded on the shelves by version 5 0, which scored 95% The util-

Workbench allows vastly

improved file handling and a more modern Interface However some users (including members of this mag's steff) suggested improvements to the 5.0 release many of which have been acted upon for this version. They claim that it is "more of a new version than just a simple update. New features quoted by GP's Dr Grag Perry include

 An enhanced WorkBench Replacement Mode has been enhanced that allows you to use DOPue 5 5 as a complete WB replacement · An Integrated OpusFTP capa-

Internet sites directly by using standard Opus Listers

 Sleeker tider button banks and requesters

■ New Filatype-specific pop-up menus allow special menus for icons and files. Usa Filetypes to

add custom menus for different types of files and icons

· New independent HotKays are naw supported

· New Scripts system allows functions to be exacuted upon most system events

· Custom menus have been improved with multiple user

menus with sub items

Creator allows you to create and

test Filetypes with assa · A font viewer is now included New colour remapping of button and icon images with support for 'Magic Workbench and similai systems

Cybergraphics RTG era · Enhanced clipboard support providing full cut, copy and

paste m gadgets and file Listers · Listers can now display a background picture or pettern. · Saveral new internal commands and many new ARexx. commands have been added or extended with new features. You

can now even add you own internal commands with ARexx Available in September from Wizard Developments at £59.99

thera will also be an upgrade offer for registered users of Opus 5,0 If you went more information check out GP's Wab Site at http://www.livewire.com.es/gposft/

JPUS5

New Automatic Filetype

Cheap DPaint Add On DRC Sequential Graphics, an American Amiga developer for the past four years recently announced that their Motion/Collage package a third party product for Dpaint IV and V is to be sold off at a beigain basement price. A demo of the product can be downloaded from their web site at http://www.itanat.com/~bug/ StudioMushi/mc html

Motion/Collage contains 150 motion clips for Deluxe PaintlV and V's move requester, each with a descriptive name detailing the dagrae, angle, and style of movement. The motion clips simulate complex DVE motion for logos and graphics. Motion/Collage pack age includes the following 150 motion clips, a tutonal and 50 lo-res.

This collection originally retailed for \$69.95. Now they want to sell all remaining stocks for just \$5. They are US based though so out more, send Email to D@itsnet.com or call DRC Sequential Giaphics (now called Studio Mushi) at (USA) 00 1 B01 373 9579

Vulcan's Lined Un

Vulcan Software, those bestions of Their new web site will include details and downloadable demos of all thou latest releases such as Boarsts (see preview in this issue). the latest in the Tiny Tipops series and Jetpilat. Up to date information on other games in the pipeline will also be there as well as information on current titles and registenna facilities. You can access their site on www.vulcan.co.uk



or contact Michael Kramai, owner of Neathar Realm

of Insunational Flow Charter are getting ready to release the Blitz Basic Book For more information contact the NRS web page Softwera at r3mwk@vm1 cc.uakron edu or http://www amigamall.com/nrs NRS ere at 2930 8th Street, Cuvahoga Felis Ohio 44221, United States Phone/FAX, (330) 928-173B

Blitz Book

Harwoods Slash Prices Golden Harwood Computers

have just cut the prices of their Phasa 5 products by up to £50 in Lasgonse to Bilttersoft being appointed as new distributors You can now get a Blizzerd 1230IV for just £159 95, exceptional value. See their forthcomof raductions

CU Special Offer Is A Reality

All you budding game developers out there take note. BPM Promotions are giving CU Amiga readers a free demo of their Reality Gems Engine (previewed August '96). Turn to page 34 for more details

Returning To The Fold Contrary to popular battef Efficy Software haven't abandoned the Amica at all. They we come up with a novel way of incorporating their interests in both PCs and Amigss. They will be releasing their games on dual format. CDs which will run on Amige and PC. Lots of goodies ere lined up for the not so distant future. We should have more news of releases soon.

Attention All Artists

Kerran Robbins, formerly of InternetECL is a keen Amige enthusiast who has recently tekan the lasp and formed end World Wida Web page design company called Conspicuous What's interesting is the fact that Kairon uses Amiges to design the



A Conspictors a new WWW design company that nces danges, as inclum for prints' submic

graphics for Internet web sites for corporate clients often utilising such packages as LightWave and ImageFX What's more. Conspicuous is implementing a graphics library consisting of both 2D and 3D graphics If pictures in the library are used in the design of web sites or by other clients.

the author will be payed a revalty

Accordingly Conspicuous la

putting out the call for Amiga

artists, whether 2D or 3D, to submit their material into the librery and stand a chance of gaining fame and fortuna from their Amige work. In order to do so, why not drop into Conspicuous WWW site on http://www.conspicuous.co.uk. You can also E-mail gfxlibrary@conspicuous.co uk for

details on how to send material into the company



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Into SIMM 3 temb SIMM



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The Amiga in

orth America

Now the Amige has returned home to North America, we investigate just whet that vast continent has to offer ... the meny feces of the North American Amige market.

h, North America, Tha visst New World, so often misunderstood of word when it comes to America computers. Unlike the UK and mainland Europe the Armigs failed to make a lessing dant in misinsteam personal computing — despite the fait that for a time, large depending and the sound to the country of the coun

larga department stores couldn't keep A500s in stock. But as with any industry, the retail memory is vary short-term and the Amaga has faded into public obscurity. Of course, obscurity has a strange way.

of making the Amiga flourish. After all, hordes of Amigas have been sold on the continent bringing many users back from other machines Often these salas are immediately associated with video work, and white it is true that a good many. Amiges have been sold to video enthusasts and hobbysis the sheer numbers in indicate that these are by far is mhortly a very vocal minority et turns, but sall is minority group. No, in North America there is the same advance collection, the there is the same advance collection. Generated computer anthusiastics to game playus, to productivity fainds and educational barron.

fronal barons
How have the times been treating us?
Well, of course, the death of Commodere
hurt severyone worldwide
Unfortunately, Esconder
semergence was ho
great comfort to North

Amancan usars, since Escorn had no established presence on the continuant. The selection of SMG, who had acted as Commodora's service organisation for watranty work and repairs as continental distributor ended earlier this year in a

even more bizare corporate letter Cuickat, the contracted US manufacturer of Amige 4000Ts, informed SMC that due to their insufficient order quentities, they were effectively terminated as destributors. Not to be outdone SMC sent a literating in a poca-

strange set of cir-

SMG sant a letter full of apocalyptic imagary to a surprised online community and departed the Amiga market. DuikPak has acted ever since as distribu-

tion coordinator for North America, selling in quantity to whoever can meet criteria That criteria, of course, manes you went to buy is to I amiga 4000 feet the going rete, which is not an insignificant going rete, which is not an insignificant sum of maney \$100 celeorated Amiga airchaestes and professionals have turned out feet the michine. As for A1200s they fend to the an airceptionally short supply forther, distribution, and part celeorate selections to the professional selection of the commoders investigated the selection of the commoders investigated and feet selections that form of rabbut \$1,200 cs reflected towards and Afrainandestried

Commodore inventory and thisse issurface in the form of robust A 1200s or related tower units. Some AF-manufactured A120th shaw made their way across sho coan though the offsevantorked other A64 mechanism to C002 and over year. A64 mechanism of C002 and O02 and O02

The North American market was exceptionally hastant when it came as Escanin fact, to a large degree a verygone was in a "wart-and-see" model, Last summar however, a peir of Caradien Amiga shows broke the stalamate and encouraged more Amiga activism, which can be seen in

Amiga activism, which can be seen in spades these days. More on that later So, you withder, what's going on In the Amiga markst over thera? Here's the face of the Amira community in a number of

The Face of the Amiga in North America: Activism

different capacities

America's Activation
Designe the bear of a name ber of Designe the part of other and windly for major radiate of computer products will own any radiate of computer products will own yet the part of the part of

The software side The Final Writer vs. Wordworth debata is

neverending as both programs continue to be developed. Softwood in the US keeps up their end of the bergain by continually upgrading Final Writer, as well as supporting their other productivity triles. Other major and legendary Amaja softwere.



companies such as SoftLogik, authors of PageStream, also continue their Amige development even if their flagship products are ported to other platforms

and the second of the second o

capebilities is due in the fall.
Fed Fish has renamed his dempany.
Conus and now deals in several different
platforms of softwere but the Amiga is
with high an his list and walk or fight Amega
Developer Environment (ADE) continues.
ADE is a full-flastified, free C development.

File Safe, ended some time ago.
And then there's the black shape getware development - the ratum of gaming
to North American World probably be himp
if you said you'd never heard of Capital
Punshment, the mirrhiesit best ensign of the control of Capital
From Clock Boom of Touchty, Canada
The Capital
Th

As for hardware?

recently etigefed in a floourston with another. Arrange lent over whether or not the focus at Armiga hardwire development had shifted by Germany. To a lerge extant, life is three, but not entrally so OSE postitious to manufacture and develop new products for the Armiga line. Most executive, DM chlosopt on products for the Armiga line. Most executive, DM chlosopt on price 3 CSM and the control of the CSM and the CSM and

has been shiftpring for some time raw. The 6Fmsr Criv Melley Products is no mare, but GVPM is carrying on the mare currently, GVPM in carrying on the mare currently, GVPM in monufactures and disinfutes salect new GVP and TakMagic boots, notable in that soma models allow the mixing of GVP memory Simms and Standard memory Simms (Other GVP boots have adopted the industry stanture of the control of the contro

Development of Amiga portables end luggebles is taking an interesting turn. Far same time now, Silent Paw has been developing and pramating its PAWS A1200 and A4000 units, which accent motherboards for the respective mechines and inaproprate them in custom cases complete with batteries and LCD Now, QuikPak has unveiled a prefirminary design for a new A4000-type luggable machine. to be AC-pawered only but with a new motherboard that boasts e vidao slot, Zorro slots and is 040 or 060 on the board with up to 128Mb memory expansion stendard (na accelarator card required) QuikPak estimates completion in six

months and a ballpark cost of US\$3000 Bave and dence club types will want to keep their eye on Atlenta a bit langer end watch far the release of the Geodesic Designs' MindEYE Based on the old Mindlight, the MindEYE should be lots af hythric engowent when it is released

The Face of the Amiga in North

America: European Distribution
As ever, a toss-up Some companies are
extremely railuble, competent, and consistent in providing an imported line of hardware of anotweer Origon Research, in
particular, files daine a good job in landem
with HSoft at the UK to
provide products semilies by Some products.

provide products seemlessly Same products just take a bit langer than would be hoped for te arrive, or aran't aggressively imported, éke most gemes. The first Apollo eccelerator

cerds on the centreent will be selling shortly Cronus is always prompt and up to date in its support for Amiga use

Cronus is always prompt and up to date in its support for Amiga users and the Aminet via selling acmpact discs fram Schatztruhe in Germeny. However, there are still a few distribution coups de grace that remain to be made in North America.

The users

My amployment with ViScorp as a communications consultant give me a unique apportunity recently to meet with four different groups of users in a tive week period. Whether wey to bese en avaluction of how thence see suit in the



Amige trenches?

Montreel Amige Convention '96 The first of what tooks to be a small senes af Canadian Amiga shows this year, the August Amiga Carvention was held in a safile of rooms in a downtown hotel. At first, the layaut was confusing for ell involved – dealers were braken up



A Terestoheed Chris Seem have been caseing perio a vier goor layer in

the UK.

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cary (son era contral pund Mantreal shoet wide hallway The system worked quite

well however In the first large room, two Canadian dealers peered across the room at each crowds Netional Armos, a successful online Arriga dealership and the dealer with the most table space in the show had a wida array of new and rerely used hardware to show for itself. Piled across International, the new company formed from the ashes of Wonder Computers Inc. Wonder drew significantly better sales for itself on day two, when a shipment of Phase 5 CycerVision and CyberStorm Mk

II 060 arrived Next to Wonder sat Silent Paw and the PAWS 1200 display The screen quality is quita good but the case dimansions of the A1200 unit may prove to be a stopoing point for those looking for a frue laptop. But the unit was up and running and gurte functional with 660 board installed

Around the horn sat Syzygy, the authors and publishers of The Digital Universe DU was up and running, and I learned that the upcoming PC and Mac Digital Universes will come on CD-ROM

Beside Syzygy was nestled a small demonstration area for Bob Fischer the marketing head for Nova Design ImageFX is now looking stunning especially when showcased by a real expert Irke Bob

Across the hall lay IAM's table space,

which bordered the dealers Gfx Base on the one hand and ClickBCOM on the other The final attendee for that room's perty is QuikPak - nothing like a good A1200 motherhoard to cause a disagreement.

Keeping up with the fechnology is easy when you're as involved in the sales as Computer and You and ValleySoft wanted ments Valleysoft brought a huge collection of Amiga gemes to the show, of such

The show was attended by myself and David Rosen VP of Business Development for VIScorp, as well as by Katherme Nelson, Assistant Editor of Amiga Report

Ottawa, Canada

After Montreal, we found ourselves in Ottawa, at the new Wonder Computers headquarters and later

addressing a user group meeting WCi . was open for business on an unusually hot day when I was in town The local users hamessed the energy of the group and tried number of stones and

history, but the plan unfortunetely backfired as few Arragens were able to make if out to the standard meeting place. Those that came expressed concern in what they perceived as a lack of visron m VIScorp compared to others in the

Arriga market, namely Phase 5 Atlanta, Georgia

The Atlanta crowd was mighty happy to be the first to hear about the upcoming Amine CurkPak portable, so some good news is always better then none. The user group meeting was well attended and en event in itself, including an Amiga game show it personally hosted a round of Amiga Jeopardy) Atlanta Amiga users ere

relying on solid fectual developments and deals to be made to ensura the continue wara. When I have the resues answered. will be sure to share my findings

Chicago, Illinois

Above all else, the Amrga users of The Amina Connection (TAC) want to see real solid currency power over Amiga goods. and want to see a new Arriga generation ASAP - even if the specification is not to everyone's liking. In Chicago, a small but vocal video-using group requires at the very least competent software emulation as well as a fully acceptable lead time. between commercial packages and commercral development packages

The future Of course nobody and nothing's fate is

"Of course.

nobody and

nothing's fate is

entirely secure."

entirely secure But, within the best of our knowledge and under standing, this next sin months should be a very Interesting time for the Amiga Not only will VIScorp take. final control of the

machines, but the roventory will transfer and new VIScorp prod ucts, both set-top and desktop will.hit if a

stopgap machine or bundle is made available, it will certainly be done within this frme frame The print market in North America is picking up a bit. The Informer, a new

newsletter, hes sprung up to challenge for subscribin dollars. Amrga Legacy a new ad-funded Arriga magazine is in testmarketma now

And from now until March, a number of Amiga expositrons present themselves to one's attention

In Octobar, Amicon is plenned for Central Ohio Registration for dealers and visitors is being taken now. For November, Amazing Software is reported ly planning a show. In December Wonder Computers intends to operata another World of Amrga Toronto show Add to that the plans to hold a show near Washington DC next February and the upcomrng Gateway Amrga Show in St Louis next March and it should be an interesting time for hometown and travel-Img Amiga fans elike

The users that pride the Amega on its ease of use don t always point out that while the Amiga is easy to use it is not always easy on its users. In North America some issues are harder to deal place to live if you re looking to enjoy that company of an Amiga

Jason Compton Jason Cempton is CU Amiga

Magazina'a Statuaida corraspondent. His regular column is normally in our news pages.





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Next generation Internet access

The Amiga is a brilliant Internet machine but only now does it have the potential to eclipse all others. We exemine the new generation of Amiga Net softwere...

t can't have escaped envents attember how much coverage the term of gain in the same of th

For a long time, I and other Amiga Net hade becaused gother PC's superioning when it comes to accessing the intermet. That is not to say that it was bettea to use a PC sence even though the Amigas software that the sense of community spirit that got whet we needed programmed, made us stack to our grains. The PC defirt have a lessy extretion was in the sense of community spirit that got what the was in the days before Windows got to 1985 and white a had at the state of the sense of community spirit that only to 1985 and white a had at the state of the sense of the sense of the testing that the sense of the programment of pro

Sandra Bullock

However, when the piess trype mechane stapped in with the feet of Send's Bullock convincing us that the vorid was full of beautiful fermal en en and so solver companies began to wese up. On the PC sever even run under Wendows as cut down when run under Wendows as cut down when the piece of the programs so that uses GBUs to set up the programs so that one needs not become en expert in text.



config files and carry overs from the rocket scientist. Unix computing platform

about the Indexituity complies software were basing interneds so that snople could excludily stand at chance of installing interned in the standard sound in the standard sound

well have been a server of the server of the

up and sending it to an expert in AmTCP As it was, this only served to dissuade many from getting on-line or at least using an Amiga to do it.

Software overload Even while the Armes's ownership has been uncertain end the market has seen

some decline the business of Comms on the Amiga has only been glowing it was looking pietty good a few months ago and that was before this month when we were bombaided by Internet software for the Amiga Not tust any Internet software but extremely good internet software and software which looks like Amiga progroms aught to. The first being Miam the new shereware TCPAP stack. This technical term is what's used to describe what AmiTCP is, for a full review turn to page 51. Marmi's commercial counter part, HiSoft's TermiteTCP, is elso firmly sected in the easy-to-use category it's placed head to-head with Miaml on page

With either of these programs it's now fai for easier to get an Amiga on-line, some might even say only now possible with Internet providers which 50 not have souch a source and the s

setted for Damon Indonest wow.com Amigu seats performs the hard work in sesting use end used to the contraction of the control of the control of the control of the control of the conlegation of the control of the

So many machines so considering that it's now far easier to get on the Internet with Mrami end

get on the internet with whom less the TermitaTCP how does the Arrage compara when it comes to the Internet clients? These are the programs which has in the programs which has less that when your Arrige is on the Internet. The Client software can talk to the Internet and any mechine on the Internet (which is mall lones all over the world) using the TCPAP.

steck as en interpreter The most common and popular Internat client is a World Wide Wab browser or WWW for short. This is actually the newast popular sarvice type that's available on the Internet and it enables navigating around information rates ell over the world, vrewing docuements including text and pictures driven only by clicks of a mouse It's a beautiful system and never before has mankind had such a resource finally available in thair own home. WWW blowsers have now come to do even more than the besic browsing, they browse taxt-only newsgroup conferences and read/write E-meil too Mostly this is due to that industry standard PC/Mac browser Netscape trying to take over not just WWW but all Internet services. its this cree where the Amiga was ef at s this cres where the was the used only Allynx and the amazinely budgy

on an Amiga was clearly infends to the PC

better AWeb arrived a reasonably simple

and Med though luckly things have got

MUHass web browser which at least brought stable graphics basad browsing back to the Amiga. Later the Traawara Voyager browser supported a

interruption of the Mind of th

Making headway That was until Browse 1.0 was raleased

this month and to a lessel extent AMetal-Infrastly, the Amega has a provision shrink. Firmily, and the swenterful a progressive loading which memos too shrink of the swenterful a progressive loading which memos protress appear is brink thoward mylet work buy gradually fill in ast they as down-leaded Bickoves even supports arm GFE which is a fartly new Nestroape adjoint which is a fartly new Nestroape adjoint AMESI and the Section Section 1. The section of th

front, Arrige Web browsers are perfusps three guerries of the way there, with vigorous development continuing 1 never thought 1 disea browsing on an Amrige look so good us with Blowse 1 0, a graphics board and a Cyberstorm-II The speed was superfor to my Pentum end it also left some memory free to run the other clients as seen in the screenshot has bestreening the as seen in the screenshot has the properties.

em Email clients. Most everyone should have heard of Emeil. It allows you to send text messages (and binary/pictures with the MIMF standardi to anyone else in the world in minutes. Here the Amiga was already very well externed for giving the PC a good run for its money but just this month thate was yet more activity on this front elso. YAM 1.3 standing for Yet Another Maller was released which is a wondarful MUI based Empil cliant with all the necessary code to communicate fo the Internat provider built-in. Being Incredibly ansy to set up end sporting powarful laatures such as Email filtaring of mails into separate folders and buft-in MIME support, YAM is a certein winner

Amiga slaughters PC Since we is on the Internet, it would be a little positions to continue sending off for

Illies provides to continue sending off to PD/disks now, wouldn't a? This a Because you don't have to with FIP or the provides and the provides as many the propiant as you like, all simulations to be CT for PC to the provides the PC The PC is top two FIP determs are an orthing compared to AmPER AmPER PMPER and the amazing FIP Mount which creates an authorized the provides and th

Shining future

Manisaking is what really paths the Arrage out in fort What running all those Internet Lients simultaneously inches also the automatic speed unless steam. Not like using a PC where deepth the held PCP UP power jarring, not inches the held power size of the transport of the property of the There is also memory conedications. Naturage 3 Gold on the PC (fasts to have at less 10Mb of memory here before it pats out of had. The whole the property of the property of the Arrages complained about MUII using a copied of handled K. One thing's for justing with the same amount of him painting with the client as a cooperation speed then even a relatively powerful PC.

hardly managa a rasume which maans whan their system creshas Inote when and not if), they're doomed to download the whole file again

Newsgraup reading/writing isn't brilliant on the Amige. There's packages to do so but they are complex and confusing while others are simply incompetent Howeval, work proglesses even hara There's elso the IRC or Internet Reley Chet, while allows global real time conferancas. Here the PC has nothing to isn't a statement of preference it s a statement of fact built upon the features supported including the new IRC standerd which the PC hasn't begun to support. The Amrga has its shere of excellent Intainat servers elso, such as AWS for serving WWW pages and FTPd for run-ning your own FTP site. Here the Amage benefits because of its similar nature to Unra meking ports ralatively easily

The future of the Amige as an Internet box was already essured but now it's positively shining. Long live the Amige on the net. Hip hip hoorey.

Mat Bettinson



Note of the last

Constitution of the consti

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its its ly now which



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A ex, violence and footbell feature

in our reviews section this month. For sex and violence see

Capital Punishment, for footy action see Kick Off '96. And there are lots of new titles in development for you to check out as well. Good news indeed.



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Reach for the In the first of a brand new series, we talk

In the first of a brand new series, we talk to people who helped meke the Amige a revolutionary gemes machine. This month: Sensi's John Hare ...





Nama: Jonathen Albart Jamas Here Aga: 30 Born: Hord, Essax Occupation: Partnar of Sanible Software, responsible for direction, graphics and dasign of games Biggset Success! Sanible Soccar series

A) Namia CU: When and what was your first involvement in the computer games industry?

JH: In May 1985, I started to do some graphics for a Spectrum game called Sordor The Soldcert which my mate and soon to be partner. Chies Yetos, was converting for a company called LT Software in Landon in Essex.

CU: And at what point did you first start applicating the potential of the Amiga? JH: These with the conversion of international 3D Tenns from the C64. We were latecomers in the 164-bit feld and to us the Amiga was a bit of a begrudging step seeing as we write dump so well on the C64. — bit like the way we field now.

"Thanks for everything Amiga, you've chenged this man's life forever."

ebout the PC compared to the Amiga."
CU: How important a role has the Amiga played to the industry as an effordable games and devalopment machine?
JH: The Amiga is the best thing that's

JH: The Amiga is the best timing that is even happened to the genes industry – it had gleat potential for developers and was colcaselly cheap to develop for Pius Amiga buyers have always been the most games orientated buyers. This for us is an ideal market considering the type of software.

not everyone puts gameplay first - not even games buyers CU: What have been the kay titles in the

CU: What have been the key titles in the
Amige's lifetime as a games machine?

JH: Defender Of The Crown - wow'
we all said

Xenon II - 'it's like an arcade machine we all said Stunt Cei Racei - 'Look at that amazing-

ty playable 30."

Kick Off / Kick Off 2 – 'At last, a proper feety geme."

Populous - 'Ood look a bit of strategy'
Sensible Sodder - I'm so glad it's stood
the test of time so well
Worms - It proved there was still a bit of

CU: Which Amiga gamas did you for still do jpky during your spare time?

JH: "Sensible Socce!!XVIOS, kick Off 2, Stunt Cai Rusar, Speedball 2, Leisure Sust Larry. the Perfect Pectorals, Rock Stai Ate My Hamstar, Phoball Wigetid"

CU: Before Sensible Soccer was released, what ware your thoughts and opmons on the phenomenally successful Keck OH and Kick Off 27 JH: 'Dunno the development of

Megloranis, myself piled the Megloranis, myself piled the Megloranis, myself piled the Kick Office of the Megloranis, myself piled the Kick Office of the Megloranis of the Me

CU: Tall me about tiny sprites which have become something of a Sensible trademark?

JH: "For the Amga it is perfect Graphic memory is et a pramitum and they are obviously less memory intensee, allowing you to have more individual frames. They were used at the last marute in Megalomanie as a way of representing the batters that were painting place—they were small because we



A A very old, bondy accesseshed all fach OU, from the days action magazines mad compron material of screen problems?



A Beleader of the Crews - "We

wanted as many as possible on the screen et once in Spoce, Connon Folder and Sensible Golf the small sprittes were used to give the pleyer maximum field of vision so that he had more time to result to things poing on in the environment. Therefore, situations could be approceased in a more strategic menner then if you ware restrict et to be graphes."

CU: How strong and well positioned do you feel Sensible is in the market? JH: "Very strong in the UK, average in

CU: How important has the Amiga bean to the growth and success of Sensible Software?

JH: It has been the most important thing that has ever happened to this company Thanks for everything Amige, you've changed this man's life forever."



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What's inside? We have lats in store for issue two! We lest CD-ROMs, show you how to connect them to your Amige, end much more!

Scanning! We review and test several scanners, and show you how to get the best resulte!

Bog Rats & Games Arrigo raview has a fol of sue contains the praylew of Bog Rets, a review of XP8 and much much mosel

REVIEWS DEMOS NEWS INTERVIEWS IS AVA AMIGA

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We have interviews with Epic and Mutation, and in lates one with Wolant Back to the future! We take a look at the pest, present and future of the computer from the 2000 right up

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Welcome to OUR NEW magazine Order Issue one for £1.00

David Pettder is the editor of Amiga Review. Let him fell what it holds

Let have fell whise it holds:

Well help CUI Arrage ceaders. Thank you for taking the time out to seed this for taking the time out to seed this Parket Hastedd on 10 more applicable. Arrige the properties of the properties of the properties of the properties of the provided only on properties with operated on the properties with operated on the properties of the Arrage market, but is you is market of CUI Arrage, we know you've most indivised to IUI Arrage, we know you've most indivised to IUI Arrage, we know you've and from graves to IUIP and Arrage market, but the properties to IUIP and Arrage market from graves to IUIP and Arrage market. less from games to DTP and Ampa, Review is find all productive, smooth lesslaves, reviews add that view lessla one contains features on buy-ing and choosine a parent, PostSorap printing. DTP, ProPage DTP Bitz Basic, how we make Ampa Review, upgrading your Ampa cotario of the row Ampa computer, information on the VISCorp purpols, eating on the information amplify, as one of the Magazine, running your own softwared and more larger was do not asset. own achteurate and moral lasue two is on sain 10th Suptember and wif be packed with more serious leatures (including the light of a series of serious Instures including the first of a series of ProPage and AMOS Professional bitomats, bulleble for both beginners and experts alike, inver-Marketing, columns from both of these compe ness and more key figures in the industry from F1 Leanceware to Vulcen Software into an

F1 Licencewan to Vulcen Software into on image processing live show you have to do lit? In their wingschin corning out called The Domein, the Digita & Softwood war, CD ROMs, scan-ning the lost of the glossy magazines and more opinionated columns for you to read. For

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SuperDisks

Every lesses of Armog Beview abveys has at least two SuperDevis, attached to the front, One is tailosed for the garrias player ArrigatSame - the month (Serv), some two) packed with a clemp of Vartecks 3 SuperSimbour. (15) of accours continue divisios, accurd samples. and, and more At the time of writing were put about to correct Settwood about a to of Final-Mitter/Fain-Date Cent 01983 867377 for more with

Bograts The Puzzling Misadventure

■ Due for release: Sentember ■ Publisher: Vulcan Software



bograts just conquers up images of larga smelly hairy things that hang around sewars and public layatories and have the occesionel bit part in fifms like Mission screen of a huge rat doesn't make it eny easial for me to like tham daspite the pathos evoking lina it's a herd life being a bogist Also the oyarall aim of the game

of guiding your lets reaching Bog cas Huge tuids and toilet rolls all piled togather in ona get past the intro

ters era kinda cuta

fooking and you can't tell that they are supposed to be smelly bogress which is a good thing

My prejudices eside, Bograts is a lattar day Incamation of a game called Penguins which was due to be ralassed by Alternative Software Today in its prasent form it's a puzzla typa game, a bit like Timekaepers or, if you re being kind, Lemmings You've got to lead the way for your tiny ghums navigeting their way through about sixty lavels nagotisuch as the treps, blockages and creatures being generally unhalpful But you've got a few weapons up your sleeve to help you get past these, including some nifty dynamica for those obstructions that won't budge So this should add to the fun Perhaps a few

turd-like characters in there would

add a little bit more to the mayham. Well see

it's in the distinctive Vulcan style

and the current backdrops are not unlike some from the Fortrass of Eve game it seems easy to get around and thara is a heady strip. weapons some of which have yet to be developed. Bograts will be for all Amigas with 1Mb and we should have a review soon Lisa Colline



Micro Mortal Tennis

III Due for release: TBA III Publisher: TBA

pu'va got to hand it ta the Italians, they've got sayyy. They'ra quick witted enough to work out everything in millions of Lira when the rest of Europe would just gal booged down without a to throw away everyone alse's conception of what a car should ba fia blandi and come up with something like the new Alfa Spidar, my

would take mala couple of and pretty hot at Amiga games the plive oil (and I'm not referring Witness Shadow Fighter wit-

nass Breathfess, witness Virtuel Virtual Karting) Now withous Mikro Martel Tennis, and play our CPU Italian System teamed with Skywards Software has taken it upon themselvas to give us the

unusual combination baat 'am up Strenga but true Tha gama is as fai as tannis goes, not guite on 8 par Tennis Champs, but fast and funous nanetheless, while set pieca in-lokes from







fighting genre spice things up from time to time

The set up and manus are pietrealistic play options, league and season settings Control is easy enough too, though serving takes practice but it has incorporated the one thing which I barsted Tennis Champs for the leck of diving shots. Timing has to be mora pracise than in Tennis must first prass fire to raise your racket and then let it on to hit the demo some shots are difficult to ing the baff, but hopefully thasa inaccuracies will be solved in the

final varsion of the gama What you won't see from the demp ere the sat-places mantioned above. These include sticking a sword in the umpira if he gives you a duff call, pigs that run onto the court and a tiny flasher who eppears from time to time If you enjoy a giggle thesa might tempt you, but I suspect they might also (ar after a while especially as the real business of this gama is tennis. Anyway, wa'll have a review of Mikro Mortel Tennis next month, so in the meentime find your local Alfa Romao dealer, go down and cawo et the Soider I might see

you there Martin Davies



of the decade (and it

w ю igh

Enigma

■ Due for release: October ■ Publisher: OTM

ou may remember a while ago that we did en article on a company called Intersect Development who served as an inspiration to us all Faced with less and less games coming out for the Amiga they did the decent thing end decided to produce a

chackload themselves. What they did come up with was mighty impressive collection. Alas, however, it seems that it may be some time before any of these creations see the light of day For example, one of these gemes was Atrophy which we previewed not so long ago However internal

wrangling within Intersect

Development caused delays

on any pames being released lish Atrophy are now no longer going to do so CTM instead, are Centilion a new company which is made up of one of the original

members of Intersect Development Enigma is a similar

you get to blast through the venous worlds in your space-

ship blowing away your way and picking up weaponry along Centilion are very proud

of the graphics in Enigma stressing that they will all be 3D rendered graphics end heve

& Contilien sek that you don't judge the graphece here as they are not flambed yo

requested that you don't judge the game by the current screenshot shown here because the geme is way off being finished The programmers are also keen to point out that all the backing music was created on the Amiga

using a MIDI system and say that it will be superb. We cannot youch for the music at this point as the dem we saw did not have any music and the grephics are clearer and tighter then say, Atrophy Amongst other fancy bits plenned for the game there is a sumultaneous two-player option your gameplaying Enigme will be review next month

Lisa Collina



Access Denied Mission 2

■ Due for release: TBA ■ Publisher: Solo Software

like it very much when no one has seen before. Not for samebody out there writing a new game. tnes to do something completely different, thet

s long time anyway, but who tnes to take an original idea e step further. Take this preview of Access Denied Mission - 2 for

A Dun I redge a book for acrossobel) by its cover. Access Booked 2 could be more interesting than it looks.

example Although, I thought that the first geme was initially disappointing there

apportunity for someone to create a stunning, etmospheric game idea and make it excring Imagine, playing a sort of espiphage type game that is so realrstro, you'd think you were War Garnes with the real super Pentagon computer in the U.S.

Have your spy outfit to hand before you pley the game as the plot is similar to the original relaworld-Wide hacking text-based edvanture However Access Denred's second game Mission 2, also contains a sort of breekout style sub-game celled Net Warnors, which will play an important part of the mein game Itself Since the object of the game is to protect your power source from being destroyed by the Deeth Sphere, the lest

Warnor left allye is the winner The programmer himself wishes to attract a cult follow-

ing with his games and hope to include more depth and hetter more smister missrons. He also says he would like to do a sort of Access Denmid disk based megazine which would cover ell real life with

computer hacking There are lots of possibilities | hope Access Denied Mission-2 looks a lot better and plays a lot better too then the first game because testing your finger hacking skills on the keyboard world of computer hacking is great fun when it's done right Trust CU Amaga Magazine to keep you mformed on a review eopeanna soon ...

Mark Forbes

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■ DFR: November ■ Publisher: BPM Promotions

Reality comes a step closer with the review of a demo game pack for the game engine from Belfast ...

caupte of months ago we previewed a game or previewed a game or game actilities feating it promised many family, and teast providing the laperson with the capability of producing reasonable disease games with links or game before the producing the seasonable disease games with links or game behind the packaga lava released a senies of games which have been produced using





A John Paker lasts the most convention set



& The original Cherica Chinas is alterphiliprocard platform game.

the angine as a demonstration of its capabilities. The collection is evaluable for £12.99 direct from BPM (see boxout below for full details) and they will also provide a demo disk of the product itself

demo disk of the product resin. The pack conteins eight genes on eight disks, which is a responable E140 odd per gene seniflar to what you would get through a PD house. The gennes are of varying quality but far what you can produce on a generic garne engine they re gridtly imprassive.



Gwandor e familiai sounding name with a cema whosa styls of play is very familiar too, it s like a PD version of Ghosts 'n' Goblins with a hero whom you control on a honzontally scrolling playing leval, fighting off damons and creatures and eveding traps along the way It's a bit stunted as far as smoothsonebly anjoyable. The biggest collection on the pack is the encompasses four pames in the pistform adventure style Hara e cuta chimpanzee has to battle rats and well, some other nasty things which I can't readily describe to

per to the and of the level, solving puzzle slength the way there are four garness using the schamber and continued to the solving the schamber and continued to the schamber and continued to the schamber and solving the schamber and schamb



▲ Late of poverty logic prairs on Toyland Copies

Both ere reasonably enjoyabla in fact very enjoyable if you consider they are only the equivalent of £1.40 each. Don't expect anything spectacular and you'll not be disappointed, those are a cut above most PD games.

most FU games.
Of all the titles in the pack the aroade geme Joker Poker is the most commoning of all it will only appeal to aroade poker fans, but it is a very commercial looking and professional effort. If I hed to pick out one game here that could reasonably be sold alona as a professional enduct this surface.

Potential

Overall the pack demonstratas very well the capabilities of Reality None of the gernes here ere likely to set the world on fire, but some are very pleyable and even professional I'm now looking forward.

Soccer Sensible Hem's a strange one which I must admit I thought ouldn't get past the wyers, but the lads et PM insist that it's cool. mmm. Anyway it's a alz game, not part of the ack previewed on the rest of the page but intended to be sold separately, it's very straightforward, you enswer multiple choice unstions (from over 1000 geelly) and if you get it right you score a goal on a real Sensi pitch (es can be seen from the screenshot). A nice arcade quiz, but hold on felles, that Sensi pitch is damn occurate. Have you shown it to Jon Hom?



even more to reviewing the finel product. Roll on next issue



▲ Mare Toyland Copm Iso and mayborn.



impodm in a list libe Chross 's Co

Where to get it!

BPM promotions are nearly finished their Reality Geme Engine, if you want to get hold of a demo of the package (for free, excluding p+p) or you went to get hold of this selection of gemes then write to the following eddress or contact BPM on the number at the top of the page. BPM Promotions. 8 Magesdor Park, Dummurzy, Beltzt, 2817 005.





Capital Punishment

■ Price: £25.00 ■ Publisher: Click Boom/Various © clkhoom@io.org

In the blue corner, all the way from Canada, it's a fast beat 'em up. In the red corner it's the Society For The Prevention Of Violent And Naughty Games ...

I this was 1992 Capital Punishment might have made it into the tabloids as an example of how the youth of today are being corrupted by games After all it contains the two key elements guaranteed to whip up medie hystene sex and wolence But a sex and wolence.

big, brave 1996 and the Amiga is such small fodder that no-one will notice

This is bad news for Click Boom Why? Because, while all the tabloid hystena about so-called 'nasty' or controversial' games might not have done a single bit of good for the kids of Brasin, it cortainly helped the companies producing these games sell more Does invoice remember when Vigin publicised Does in PC by sending Fleet, Street buckers full of page intestines? Uproor The end of human file as we known, tooks becoming zombies, copyeat killings, marches most foul , and of course circulation increases for portrapasius necessages for portrap

CAPITAL 1881 STATE OF THE PROPERTY OF THE PROP

A The contem options occase allows you to talke the same to year elector needs and arrientance. sales success for Virgin. But poor Click Boom evan with more blood than any other Amigs bear 'arn up ever and e gravity defying sami nakad, fetshistic minys lidy Capital Punishment will probable not get manuoned outside of the Amigs press. Ho hum.

Censorship

The story poes that Petro Tyschtschenko of Amiae Technologies told Click Boom that they would have to do out nudrty but with loads of blood for Britain and with much na bload for wanted the game to self, Instead they've neutered it (like my neigh-

dog) for the

society The sex



A Bannana's reast where shee eracks Earless Mades a resor shere less Animetion is researly

and violence has a consorship option in all countries if you have Idian who really shouldn't be meeting the sort of things you take News Of The World every day of the week, you can password the mentioned ninia) wears a bra, and blood doesn't drip from spikad characters in the slightly nausaous manner it does in the

But the fighting action remains the same regardless. And since this is the most important part of e beat em up you'll be glad to know that they've got nd of some for in the past and have evan implemented some neet special moves to spice up the action

Getting to the top

Punishment is furnished with e typically outtandish story-Ime, elthough for descaration It the game is playad Basically there are four war nors - all of whom are dead And there is a nasty old damon-sorcer at called Qwasul who has mada the world a dark evil place for all and sundry The Gods are not happy with this (whoal Raligion) Tablord journalists take note this game is advocating paganism too Shock horrorl), so they've brought one of the four warners back from

the dead to try to kill off Owesul and restore peace and order to In the Epic, the main storylma Vs computer game, you choose from the four warriors Corban Wedge, a bandaged, boxar shorts



A Makestude weestles as of as to the ground. Ties hackground in a kiddan agreeal on one of the levels-

sporting pugitet Saimon, a kick boxing expert, Demona, the busty whip equipped combet vixan and Wakantanka, a bemuscled Nativa Amalican navvy Commg back from the dead as your fave character you first engage one of Qwesul's alren stoogas (whate aliens fit into the story ian't really explained) If you bast it, you will

net to play one of the other

'dead' warners who have bean enslayed as Owesul's protectors If you best has Damona is the first) you gat to re-fraht har in what

teacher' level to bond har your control - if you can overcome Damons a sacond time of course

Once you have the little so end so under your control you can use har to further your quest. By beating Damona you may choose her instead of your first character to continua If one of your two charactars gats bumped off you still have the other As the game procharacters though chances are you'll lose them all plenty of times before you complate the game Thrs idea which is assantial to

the plot of the game, replaces tha Tives' common in most other beat 'am ups



A Thermop a character auto this electric trap will sop these of gross more meany?

Moves afoot

he contestants each have a parboular style of fighting and movement and some will be easier to come to gups with right from the start. The two ensiast to master are Wakantanka and Damona Wakentanka is like a tenk big take much more power from an opponent than any other character and he is damaged less. The warnhty chappia and as such is others so if you are fighting sprightly Johnnie Sermon you can lose quickly. Damona is rathar weak, but much faster and so taga for beginners is that she has a long range waapon - her whip This can be used to punish offenders or even dreg them closes for a piace of sharp-pointed shoe-in-crotch action Painful

The other two are more along the lines of your everage Ken and Rvu - talented all rounders with Corben Wedge baing the stronger of the two, while Salmon is maiginally faster You can control that characters by keyboard, single





Characters





h. Seedayet belgiog and branch than in last, nomerful and has b





or net a U-String, Devanus nell's



A. Each level has speaky manic and a nice to introduction to get you so the mood

button joystick or multi button joypad. The type of moves vary between each, with Wakentanka concentrating on punchas and headbutts while Demona makes use of her whip

use of he whyp. Both Demona and Sermont flap backwords in the style of Michalle Philefates Cadwards which has he will be seen to be seen rectified and that an one lot at the seen to be se

lighting affects and backgrounds of the original demo have been retained and enhanced. Some of these are stunning the best the Arniga has ever seen, but unfortunately Click

be a little too different an some lavels which are notably too dark on are disliberately flogy. They claim that these effects enhance the game and make it different from any other — a valid point of view — but I just found tham is bit of a let dewn after the other levels.

Options

The type of geme you play is governed by the multiple options available. The original idea of Capital Punishment was to have no limits - the fighters could pess without having to jump over each other, the hit mass around such fighter ware vary narrow which meant that you had to be very accurate (over occurate as fer as I'm concerned) to bit the opposition and your players could disappear off screen willy nilly, I didn't like these features, and not did some others so Click Boom abliged by providing options to enable you to have a more 'conventional' game by reversing all of the above actions in a custom menu Conventional maybe, but in my mind playable. It's this that has raised capital Punishment bayond my pravious expectations. By taslonng the options (and the difficulty level - training is 'easy' and normal is 'difficult') you can evan maka Candal Punishment suit. your style of play and it becomes very enjoyable

Competitions can have up to four players and while playing the game with a couple of

hints from Alex
Petrove, the game's
produces I discovared hidden
special moves
which the
computer, especietly on normal
difficulty,
finds no
bothes

using, but which humen players will have to practice. These moves are not mentioned in the manual so it is an added challenge to find and use them. There are also is few hidden cheats which will swice the agene up no end

Sounds

If you have last month's CD-ROM you'll appraciate the sound affects in Capital Punishment. The gema



A The dark Indicher level is where you get a chasc in recenture when characters' musts.

is plepable from haid drive only and for a pool reason atthough it comes on 7 disks it is actually own ISMN in size A reasonable chunk of this is spart on sound, and it shows Clink Boom are isluctant to ralease the name of thair mustane, presumathly because if they did he would be snapped up at a high saleny by armoone even high saleny by armoone even the product of the product

and pour the garne out with the Australization renewed on page 42 The amplifies the basis frequenses of the sound affects and years you a feeling of being his The SFX settips on CP means that the latt hand preyers sound effects go through the laft thomal and vice were, so using a channel switching function on the Austry you could fifter out the other player's SFX and only get that want you could not yet that want you could feature and it was one of the latter and it was one of the latter garness that with the feature and it was one of the latter garness that with the settlement of the latter garness that we have a settlement of the latter garness that we have settlement of the settlement of settlement of the latter garness that we set settlement of settl

Aura Intajector I played Mortal Kombat II again while reviewing CP and it's emazing the difference between the two Graphics-wise the sheet Armos-ness of Capital Punishment comes out on top. It's an original game with stunning lighting affects and amezing animation speed that also plays well. But there was still something about the older looking land obviously converted) MKII which draw me into the atmosphera more. Somehow it's more irka a coin-op. CP is like a computar game. Nonethaless Click Boom have created a damn fine beat 'em up which breaks eway from the



eigiblished mould and shows thet a stunning looking and playable. Amge beat em up needn't be a port from another jettom, it's also worth noring losy por "I see from the score box! that it has the best sound effects and music in the history of beat 'em ups Now, how do we attract the tabloids' stranson."



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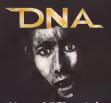


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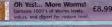
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Kick off '

■ Price: £25.99 ■ Publisher: Anco @ 01322 292 513.

Although much maligned in its last incarnation, will this year's version spark the imagination once again?

nco invented the nlavable overhead foote game bafore Sensible even got up for breakfast and proved that the they produced an all tima classic game the best of the genre, but

Kick Off 1 and 2 were games some journalists loved to hate it must also be noted that the buying public had no such hang up they went out and bought them in draves. The journalistic snabbish ness surrounding them was based on a Sensible rules, everything alse is rubbish philosophy which

Football Glory get a threshing in some magazines. But these wera fine games for their day However, when Kick Off 3 was released in late 1984 thate was genuine cause for complaint. What hep paned to the grainead view thay invented? What in heaven's name were all thase matchstick men wobbling around the field for (KO3 was not an impressively fast game) end playing side to side

if you don't mind? So it was with some trepidstion that I loaded up Kick Off 96 Having chacked out Sensible World Of Specer European Champions some months ago I was left with a slightly bitter tosta in my mouth. That offsing was a

statistical upgrade

without major game

enhancements - a merketing exer crea in affect. My inclination was that Anco were likely to follow suit. But no fair play to Steve

They obviously took the criticism of number three to heart and heve concept likely to creata a better hamble side view - and the isometric one that caused so much controversy in the Kick Off engins that was included in Player Manegai 2 This time they've

gons for overhead 2D again wi added spice in the form of a "3D viewing option which basicelly, lowers the camera parspective t around 70 degrees, makes the playars bigger and giving the

goals e 'realistic' look c Competition

The whole reason for KO96 is, or was of course the European Championships For which it's a bit late. But nevertheless the opportunity has not been tost to

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include as many foreign teams ind players as possible (as wall as a reasonable number of top domestic teems! Believe it or not they've outdone Sensi on the international stets front, elthough the menus istill mouse driven are more existed to nevideta A good test of just how fer a game hashoone with footie stats is to search through the Republic of reland feegus for the little known sputside the emerald isle anyway Silgo Royers, which a cousin of mine has captained end played in defence for. If he s in there, it's pretty comprehensive and he though I II weger he would have 84at to say to Anco for

marking his Vision statistic es 34

enclosed PC menual's haid disk

Em sorry Anco but who hasn't) the pretty used to seeing the pame of the player with the ball an acreen. This not only provides mole commentary about what is going on, but is e useful tool for exerning players' skills throughout the season KO96 tells you the number of the pleyer with the ball but not the name and this makes no impect whatsoever Also believe it or not, it doesn't even tell you which team is which or which teem has

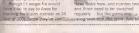
players lot isn't right so it can't give vàu e clue either Although the spead of the

scored And in some cases the

result, the enimations ere at II culty in 3D mode. Here it looks as though a couple of frames have

Nevertheless KO96 is definitely head and shoulders above its predecessor it's simply more enjoy. able and elthough it doesn't even chollenge SWOS in the averall playability stakes, if you're looking for e game with a bit more depth that the latter you should give it a chance On name alone many probably will Alan Dykes





beating and no misuse Dream

teams are nothing new you get e

similer feeture with Sensi, but for

KOS6 does give you more detail.

with players reted acabiging to

Retention Parsua Shooting.

There are problems though and

the first strikes you right from the

beginning Why must we still live

ionion think eges as fai as loading

bames is concerned? There ere

Pace, Vision, Flair, Agility

Teckling end/Heading

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Aura Interactor

■ Price: £69.99 ■ Developer: Aura © 0171 331 5300

A step closer to virtual gaming or too much like standing next to a loudspeaker? The Amiga's first ever interactive backpack is here.

y only prevous toperness been after wearing an overweight nuclease. If a too long - the shally sensation you get when you take the thing off and it feels as though grawly has deserted you and three dozen Lemmings are crawking around your back. Well add a woodleache to the equation, tapang away on your spine, and you've got some idea of what the Aulas e all about

And why would you went to do this to yoursel? All m the name of games Basically the Aura is intended to edd en extre dimension to games playing — that of feeling as well as sight and sound. The whole idea is to amplify the about of effects of a game, transfering these to your body via a whating panal so that shooting a gun or being hit by a builder to becomes a mortal residual expension.

Space story

According to Aura's PRI people it is a by-product of Bonnie Reagen's pet project Stir Wars technology Apparently is lot of research want into finding ways of reducing whether the stirll state of the sensitive apurpment on bard. Some binght boffin

espoused the theory that the best way to counter wherever as to recreate them electronically in an amplified and fletten out the offending whoston with its mirror image (or something like that). I have checked this out with a physical graduate who confirms the idea's validity but feel free to enrighten me further if you must



A Shake, rattle and roll. Spine theying monasions consists of the Assa facescent. What well story shock of post?

A thin, riths and rill splan beging restations over Bush and Clinton, Big Ron's successors have put Star Wars on the beck burner and so Aura's makers have been probing other markets for their vibrators. And I'm not try-

Ing to be furny. Their intractive SFX pecks come in two forms, the Aura backscare in two forms, the Aura backscare was a simple of the second of the second

The Aura consists of two separate components, the amplifus and the backpack - which is really just a gloridal speaker The Amplifus and has two contacts, power and filter has two contacts, power and filter power educates the amount of strength the what power has two contacts and the power and the two contacts of a wailor at given you and the manual power would be a fine that the power would b

bass and only, and a low filter glving you much more of the other sounds it also has a channel switch which allows you to choose which side you're on in for instance, a best 'em up, issee

Capital Punishment renewly You connect the amplifier to your Amiga was its sterio outputs using a cable with fiver male and two female sudio plugishockets at one and end a sterior 3 5mm gack at the other end. The sudio plugs connect up to your Amige you connect your norms' sound led to the cable's fermelle suckets and then plug the jock of the other end and the requisite socket on the

Next, place the backpack on your back adjust the hamess and olip on the safety beit. Finally plug your new limb into the amplifier and you is writed for feeling.

I loaded up several games to test the Aura. The Killing Grounds, Gloom Deluxe, XTreme Recing Worms and Capital Punishment. The moody atmosphere of The Killing Grounds seemed just naht for the test, but with the lack of proper base effects and grunting it didn't convey the hits as well as I thought it would. In contrast Gloom worked well, in fact if pounded my back in a similar way to Doom's performance when I first tried the Aurs on a Playstation XTreme Bacing was manic because of its sungle backtrack but it didn't give a real feeling of doving until the music was turned off and you just left it to the revs to tell their story to your spinal chord. The best performance cama from Worms There is a catch though; we raplaced the onginal sample set in Worms with a bess and explosives-heavy one without this customisation it would never have had any impact

Mixed feelings

If advivers was developed with Aura specifically in mind it would be much more impressive than it is . But there son! At the moment it is . But there son! At the moment is . But there son! At the moment is . But principle . But the .



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Snakes, lottery tickets and and goblins, what more could a girl want? Well, more challenging questions for a start. Come on guys!

Heart of China

Please help me? I am stack in the Heart of China Tive found Kate end the two snekes that are keeping her a prisoner and I've used the chicken on the snekes but still no luck What should I do?

John Sadler, no address given.

Well it looks like you wasted your chicken because these snakes are real nasts. There is an way they are going to be sweet talked out of their prisoner. You should have given the chucken to the dog and then given hun the

wine to make him drop down dead.

Don't tell Kate, but there is no way the is getting out of here without o bit of pain and suffering Still, I can't think of any occasion when o man didn't bring me pain and suffering, so it don't expect she'll be too surprised.

First both the done to give yourself some extra time, then take control of Lucky and thou a rooks. Softy, ane of the stacker will bite Kate and posson the no matter what you do. Grab Kate and go to the balcoay. Use the curtain rope to swing out of the window and moke your estape.

Leisure Suit Larry II

Please help me? I have been stuck on this game for two months and I'm too ambarressed to ask my

Adventure Helpline

friends for help as I'm sure the answer is probably really easy I cannot figure out how to get some money for a hell out a sode, or a lottery toket

Petrick Slopes, Bernham.

The eternal question; haw to make maney? Wett, I've never had a prohiem, but then when yan've hved for 400 years you tend to become a dab hand filling your packets. Speaking of which, have you looked in your jeans? I suggest you pop tuto the garage next to your house and find the elathes which your girtfriend has thrown out Look in the packet of your jenus and you should find a dastar bill, With a dollar hitt yan'tt have enough to buy a lottery ticket and who knows what might happen? Well actually I know, but I'm not point to tell you. I'll let you do the next bit all by yourself.

Elvira -Mistress of the Dark

How do I get the crown out of the secret room beneath the altar? And what do I do in the most?

T. Caffrey, Norwich.

You do realise that Elvira's hair is a wig don't you? And she is much older than she looks in the photographs. In fact she's had her face tifted so many times, there's nothing left in her thous!

When yoo enter the chopel you must take the prayer book and totert Ethira's ring into the cross. Ecter the chamber under the attar and get the crown. What do yoo do in the moot? Well I know what most boys do and It makes me shuddee.

Moot's are also very good far drowning in but if you want to do tomething a little more useful, here's what I suggest. First swin until you reach the bottom of the well, then go up for out. Go down ogain, theo farward to the grill. Use the two key to wnick it and octer the mout. Go forward one move,

then turn left. More forward fourteen squares then get the key from the Grey Knight. Now go back the way you came.

Monkey Island

Lam stuck in part three of the game. I can't seem to get the hatch open on LeChuck's Ghost ship. I've tried using the monkey head key but nothing seems to happen. What do I do?

David Heworth, Crowthorne.

1 I don't understond your problem as there whould be no Hight When you you're didn't erift. When you not extend the high the you're not Let'hou're inches to not the her, Go hacken dieck, then down the hacke to the Liestock quorters. Get the peaker, the the goan the hacke. Use the Jeather on the streight plant by clitic you ha feel. We go plant by clitic you ha feel. You plant you clitic you ha feel. You will be drope to the the the hack and use the you with the dath. The event will continue the you will have the revers will make the you will he to you and the.

Goblins II

i am stuck on Level three I have the false teeth, mayonnaise, alice and the stool. I have given the impaint to the blacksmith found the door on the big green monster, opened it and made the monster's mouth move But how do I get the metal from Gromelin? Openate the bellows? Open the well cover?

Mark Staton, Chasterfield.

Normaty I hair publiss—nonty sittle things that get deark and choice fairies but this pair make me langh. But the majorancies to the right of Grameton Pat Fingus an the shelf observed the majoranties. While Grameton is overed in gange, Windle can grab the sword in gange, Windle can grab the sword of Get Windle to use the stood on Do to get blim anagra, Morae Fringus court to him and grab hold off the local can it is view paties.

Fingus will now be moved left and thrown onto the bellows. The key which the blacksmith maker opens the cupboard which cootalus two diving sails that are needed to enter the well.

Indiana Jones and The Last Crusade

I ve managed to get into the castle and find Henry but I can't seem to ressue him. The guards always fight me and I can't win because I don't have much energy left. Also could you please send me a complete list of all the adventure gathat you can get for the Amiga answhere I can get them from?

Sara Stones, Milton Keynes

Did it ever accue to you that you are spayoud to get caught! I mean, the goans doesn't stoy does it! Carreet me if I'm wrong (go an, I dare you! but you may go the di o a chair in the Library, don't you? You simply how to move this choir next to the voit of armour on the right. Thee wick the armour to make the axe full and can the rope and you're free.

As for your second brainware, it would take me until next year to sit down nod compile a list of available gamer, there are too many and I might break o noil, you wouldn't would have, would you?

If you've got a fittle problem with your favourite Role Playing Garrie and would like Varup to help you out, drop her a line at CU Amiga Magazine, Priory Court, 30-32 Farraigdon Lane, London ECIR 3AU



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Snip tips





Hi ho, hi ho, it's off to cheat we go! Yep, it's time egein to let Matt Broughton spoil ell your fun. Keep them tips coming folks, there's gold in them there hills!

PREMIER MANAGER 3 DELUXE

Gremlin Snip Tips wouldn't be Snip Tips without the odd Premier Manager mention, so try typing in 416074 on the phone for a pleasant of surprise that gives you £3 360,000 Dahl There goes the surprise!) Thanks to Dairen Navce for that one

DUNGEON MASTER 2 SSI

Mike Taylor of Middlesex has a few spell formulas to help out EE OH VEN = Poison Gas UM FUL = Light UM FUL IR = Fireball LO ZO = Open Oper And a few spalls. UM VI = Healing (blas)

UM VI BRO = Care Poison

DETROIT

Impressione Norway's very own Tone Kartsen has a few tips for the car sim from hell. Fire all the techniciens. if there are anyl and then set their wage up to \$50,000 and wait tai several rounds. There will be tons of people wanting to work for that faa, so when there are a few thousand eveilable, hire all you need then set their wage at wage for a long as there are people evaleble, end when thay do run out just repeat the procedure. If only the Torres had caught on to this one!

TOP GEAR 2 Gramlin

Talvery much to Mr K Peace (we'll call him 'Keap The' for now) who

sent in these handy codes for the old Gremin race extravaganza

Here are the first	
wa'll print the re	
BRITAIN	GERMANY
6GF6	65L#
8VCL	J6MT
W4N6	5JLY
6N61V	#CV%[
NJH77	654JJ

GREECE

6GG[
NQ28
BT#+#
RNM#
INOIA
S205

CANADA

HM2	73LM
SJNG	GINA
PFY+[2H2TP
YWCC	HOC33
FRANCE	IRELANO
i-85M	JAHR

RANCE	IRELANO
85M	J4H6
Y6L	#YY3
GW]	1P6F
T#OL	7YSOM
CB22	B\$]VV

THE PATRICIAN

Terre Karlsen also sent m a nroe little tip for this historical adventurethmale. When you suction off a ship, bid for it yoursell end go as high as about 100,000, then wart for the computer to bid. If nobody bids before the second "Going" bid once more and wait Keep this up (se bidding every time it gets to the second 'Going') and evantually the computer will bid, and you'll sell your

ALIEN **BREED 3D**

A quick cheat to give you more level, conrtesy of Paul Buxton of





Derby. The first eight letters of the code A |Lufe Afen Brood 3D finey none weign weeponn? |Bight| hat wedges of actra coell in Proacies Gauges 3 with 6 is mouth a closel deal with the level, your health and your

weapons, while the second eight deal with ammunition, Simply SLAMITILT elter the pessword, leaving the 21 Centery

first eight letters, but changing all the others to 'M' You'll find much more gear around the place for EG: LEVEL 6 PASSWORD -

POKKNMPLJGNNLPOF Now becomes -POKKNMPLMMMMMMMM **WORMS (A600)**

Alex Jones from Blackburn Lancs has a nice little code which, when enterad, gives your worms on energy level of 150 to start with Just enter '400000286'

GALAGA V2.51 Pablic Comain

Mr Andrew Pullen of Clunnos has a handy points bonus tip for the excellent shoot 'em up, Galaga When in the Meteor bonus stage. keep the fire button held down from the start to the finish to receive a 5000 credit bonus instead of 1000 (you do, of course still have to finish the bonus stage() Also, when you have four lives,

buy more to increase your ship's ermour and save you money. Four handred credits rather than six hundrad, saa? Nrce one Andrew!

Lanceshile has caught the Slemtitt craze which awapt this office a couple of months ago. Not content with three bells though he has sent us the code for a 5 ball cheat made. All you have to do is typa LONGPLAY on any table at the start while it s scrolling and a message confirming the cheat should appear Also try typing

Andrew Balt from Bury In

in the following for hidden

messages BARRY CHEAT COW CANIEL

IAIN KLAUS WHIPLASH

Cheers Andy, and keep playing Slangtit - it's brill

And that's it! A sad moment I know, but we'll be back again in a

we it be back again in a month's time to ruin even more of your favourite gemes! Keep your tipe com-ing in, and don't forget that gema for such tips printed (if Queen gat round to it, obviously!) Se seeing you

pude Vehicles Space Science Tolon

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Just Brilliant? - Very Impassed - Who needs Enzazis? Ign is second to none - FO Users, set my shertal - I love it!. THE EPIC INTERACTIVE ENCYCLOPEDIA 40





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BE CAREFUL OUT THERE!



A senior member of the maggot community has repeated warnings that a significant number of angling hotspots are being identified each week by the leading angling newspaper.

Commenting on the reports he said, "I need to warn all maggots to steer clear of these danger zones or be prepared to face waters teeming with ravenous fish."

Noting that Angling Times readers are generally better equipped and higher skilled than average anglers, he warned,

"This information is now in dangerous hands. These people will be bagging up."

So the message is clear! Don't get

caught in the wrong place at the wrong time, because Angling Times readers are Live and Fishing.





It's all gone a bit speedy this

month, with turbo nutter accelerators leading the pack, closely followed by a couple of impressive Mac emulators.

50 Miami TCP/Termite TCP

Internat users gat a choice of two new TCP/IP stacks. We put them in head to head competition and bring you the vardict.

53 Cyberstorm II 060

Give your Amige the power of the ultimate 680x0 series CPU with the latest revision of phase 5's cover-featured accelerator.

54 Apollo 1240 & 1260

There's no need for A1200 users to mise out on the quest for speed now that the Apollo 040 and 060 cards have touched down.

6 Dynamode Modems

Looking for a charp modern for your Amigs? These two come complete with a pack of useful software to get you started.

58 Emplant 1200/Mac Lite

Running an Apple MacIntosh system on your A1200 is made even quicker and assier with these new amulators.

60 Photo CD Manager

Conduct digital TV alideshows from your Amiga. Just the thing for those holiday sneps?

64 CD-ROM Scene

The Epic Encyclopadia haadlines this month's CD section, slongalds themed collections of games and damos, and Aminet 13 too.

7 PD Scene

Cutasy platform games and a sci-fi spotter's quiz feature are on the bill this month.

71 PD Utilities

A wide variety of tools are scrutinised and guess what they're all shouldsly free!



Appile 1240



Employe 1200/Mac &



CD-SOM Score



Iermite TCP

Two new Internet packages errive. Just how well do they TCP/IP steck up against eech other? We find out.

he Amige has been e brillient Internet mechine for a long time now with AmiTCP netting thousands of Amige users on the Internet. However, there's no doubt meny were disillusloned by the difficulty of a highly complicated package.

Just as it heppened with the PC, sesy-to-use softwere has finelly errived on the Amige too. As usuel, it never reins but it pours so two new Internet coftwere peckages eppeared this month. Holgar Kruse's sherewere Mieml and the commercial TermiteTCP from HiSoft.

button menu controls configuration options. Activeting the Connection cettings makes a GUI eppear where you must enter the modern's detects such as the sand rete and such forth. There's two modes to this, a simple and a complex mode The simple mode is the defeult one but you can enter more detail such es the PPP assary for some Internet providers

The second settings menu Network Settings, is the nuts and polts of the Internet connection. needs to be entered along with the Network Mask These figures need to be obtained from the Internet pable of detecting them itself. The elso need entening. Again this has a complex mode which hides the octions for the remote IP eddress which should be negatieted during the connection anyway Providing one knows the correct values to insert, configuration takes seconds

the section which calls up the Internet provider end negotiates through the tiny BBS-like mterface Internet providers use to identify the call a end obtein a password tem which requires the user to type in details

as it calls up it will

cally in future use.

these actions automati-

TermiteTCP has a built-in disiler

287.8.158.214 Local IP Ridgess Renate IP Address R. 0.0.0 194.138.28.28 Name Server (DNS) IP Address Alternate DNS IP Address 194.130.28.100 Network Mask 255,255,255.8 Cu-RMI 93.CO.UK Default Donald Emit Address | matecu-amiga.co.ul Feuer Options Cancel

A. This is the limit of formit a posligateless appears. You'll been to find out these subset from your letterest, attract provides before the package will get you as the faterout.

Fite Stan | 243311 FIFT DA ... | APE. 100 sut 1

A Hore o Terrestof TP which is extreme mell advised to get a faces FTP cilent.

However, the password is seen by enyone opening up the Edit Login Script option Not e good idea. Connections If all goes according to plan, it

should just be a matter of clicking on 'Connect' to make TermiteTCP dial up end forge the connection. A nice touch is the little GUI showing the PPP negotiation in a little text string underneath the buttons When it's time to close the connection, the user merely has to

TermiteTCP is a well documented and simple TCP/IP stack it will vides no facility for an IdentD so you cont run your own services on your machine. This means you'll never be able to instell fun clients such as AmiPhone and AmiSlate covered in Wired World previously This is a major aversight and unfaied FTP and Telnet clients work but are extremely basic and there are

far better PD/shareware packages available which will work under TerrylteTCP The lack of the automatic configuration could be forgiver as that's a muecle seemingly Miami alone has managed on any platform Unfortunately the memory usage slow performance, lack of features and finicky connections does little to impress With some more features and a lower once point this could be a real contender The fact that

MUI will please some though emezingly it uses more memory than Miemi, While this is a comp tent peckage for basic not tinker ers I can find very little other ther it's excellent menual to recommend TermiteTCP over Miami Mat Bettinson

TERMITE TCP Sickstart 2.8. Madem fetarget peram

Termite TCP

III From £53 II III Dovelogm Drogs III Sappler Witch ift Histo 718181 I-Weil unten Shinelt co st WWW http://www.kicelt.co.ph

TermiteTCP is what's known as a TCP/IP stack' - that bit of software which gets your Arnigit talking the language of the internet. Once running and dialled up to an internet provider, other Internet 'clients (World Wide Web browser, Email clients Telnet end FTP etc) cen link

to it to get onto the Internel TermiteTCP is on one disk end comes with a printed menual. The greater bulk of which is 'Reggies very useful to first time netters and is a superb guide about the various terms, methods and programs used, It also has a mini web directory at the beck which is handy

Inconspicuous Installation is via the standard

Installer You click on Termite to run bringing up e small inconspicuous



s Miami



Miami III Price, #28 III Developer Holger Dries III Sepaller Epic Burketing 7 \$600 131486

Since the shareware version of Miami was released, Amiga usais have deserted in their droves from AmiTCP Unlike TermiteTCP there's a public version available whose main limitation is that after one how the package hangs up the line (with an option to redial). This is anough to see how well it works and for some it may be all they need So how does it compare with AmiTCP and TermiteTCP?

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acle

Miami has no installer end like Tarmite, requires no assigns or other installation Currently there's two program leans, a Miami guide end a readma. Unlike TermiteTCP Miemi has a separate progrem called Miamilnit which is used to set up the basics of an Internet connection. The lack of a printed manual doesn't pose a problem because at any stage Irom Miamilnit to Miami, you can press HELP for the relevant Arrige Guide documantation,

Modems

The Miernifeit progrem guides you through the process superbly A text view at the top explains what the settings meen and points you rowards the correct values to antai This is a much mora hands on approach than TarmiteTCP which involves reading the manual first. Miamilnit also has a database of moderns so that if yours is in the list it sets it ell up for you

the tricky aspect of setting up tha dial-script is a doddle. Instructions ara in the eval present text view while a small terminal opens at things like the username and

procedure for later automatic dielling. Miamilint will query tha Internet provider, once the conhave entered by hand. Once it's them out itself. Even if some of thase stages fail, Miemilort will

The program can now be activated as this is the TCP/IP stack proper The complex GUI interfaces are here but are hidden from view until the config options must be activated to import the

has been selected. Firstly a menu Miamilnit settings. That done, usually nothing mora is required other then hitting the Online button. However, if further twaeks are needed, they can be done from here

Incomings

Miami will import settings from AmiTCP It will also export all of its settings as ASCII which you could share with an expart if problems did arise Alternatively it's expected many Amiga supporting Internet providers will provide most of their config details as text.

the bottom to dial up the provider

The buttons in the middle are for password Agen, once this is performed, Miami will remember the nection is made, on some of the TermiteTCP and AmiTCP need to interrogated these values it saves

ask you the values while on-line so it can check to see if thay are correct - a brillient innovation

scripts/executebles to launch upon linking up/down which is yet another next feature. There's an InetD server which is necessary for running your own

InternatFCl. for exam-

ple already supports

Mami officially Miami

Mismi as well

has settings for

web/ftp services, AmiPhone and most usually an SMTPd for use with providers like Demon Technically Miami is superbilits

AmiTCP emulation is faultless, its builtin CSLIP and PPP implemantations are the fastest I've seen Miami aven managed to outpaiform a Pentium PC at a raw down load from our FTP space. My only real niggle with the MUI interface is that it's quite large, even though it's separated into many pages. This is not a serious problem since most papple will leave it iconified. little GUI like TermitaTCPs with

negotiation status Unlike the others, Miemi comes with no client software at all but in practice this isn't a problem since the sensible would use the fai better third party PD/shareware clienta created for AmiTCP anyway The AmiTCP support executables, such as telnet ping end finger, work well but aren't provided - so for

connect/disconnect and dial/PPP

maximum use one would need an old AmiTCP damp or the like Ovarell I love Miami It has

The cheaper the better (literally) Variables Minma 1 6 ImmiteICP 1 6 AmiTCP 5 1

	Cost	£25 66	£59.95	£78 95
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	Simpilla capability	Yes	No	Ho
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▲ The DAS servers soon absolute will be saved by Misercled for Misse 11'll eyes post and a report.

everything to offer new end old

Internet users alike it offers superb performance and tremendous value for money and there's even the luxury of try-before-youbuy Don't get on the Net without it. Even if you're already netted up it's still worth trying

Mat Bettinson





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Cyberstorm II

■ Price: £649.95 ■ Made by: Phase 5 ■ Supplier: Harwoods © 01773 836781

The long awaited successor to the ewesome CyberStorm 060 has errived. If epeed is whet you're after - then this card will supply all you need.



he first time Motorola's King of the 68000 senes, the 68060 appeared on the Amige it debuted on the A4000 with Phase 5's CyberStorm 060 card. At the time it was the fastest Amiga eccelerator ever, but it was expensive and ungeinly with the SIMMs and CPU being fitted to than own sub-modules. Its successor, the CybarStorm-II, has been fer better integrat ed with the SIMMs and CPU on the one board. It does, still retain the connector for the optional CyberSCSI module to be added later And although the CS-II doesn't come with a heatsink, it wasn't necessary in the first place as the 3 3V CPU runs cool. encuch not to need it

0 &

Installation is straightforward in the A4000 but it whose disassembly of the A3000 schesies On the A4000, the existing CPU and must be removed first. The A4000 also needs to have two jumpsis adjusted so that the motherboard's clock is used lattle then the Ophiestam's first security of the original A4000 040 can'd a clock strain the original A4000 040 can'd a clock school and the original A4000 040 can'd a clock school and the original A4000 040 can'd a clock school as in one of the original A4000 040 can'd a clock school as in one of the original A4000 040 can'd a clock school as in one of the original A4000 040 can'd a clock school as in one of the original A4000 040 can'd a clock school as in one of the original A4000 040 can'd a clock school as in original as the origi

As fa is RMM is concerned, unlike virulally all of the connecting 68040 and 65090 cards from competitors, the CS-II requises to jumpe changes for many cards upon the top oblaw to adjust jumpers ecologing to the amount of FAM you satisfil Providing simple rules as followed, different sized SMMs can be musted with asset up to a macerum of LESMO userg 20240 SMMs. The connection of the satisfactors of the connection of the

Flash Gordon A new powerful feature of the CS-II is it's

Note-beard fish memory, which hadds valuable hadds valuable hadds with hadds valuable hadds hadds valuable hadds valuable hadds hadds valuable hadds hadds valuable hadds v

One niggle is that the menual supplied



A He longer the space hogging measure the first revalue was, Cyberthorn it is reconsisty sized and can take plenty of MAH

is poor. Whoever translated it somehow menaged to mas translating some text so you so got lists of instructions which start off in English and suddenly continue in Germen But worse than this is the fact that technical data is at a minimum. Fortunately the CS-II is the least problematic A4000 accelerator I very set death with so this isn't such a stail in set it minist have been

Record breaker

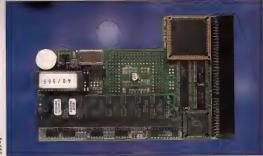
So how does the Cyber/Som perform? Like a but out of hell IM / ARMOUT was already or only allocut with a 25MHz already or only allocut with a 25MHz to reside what IT because the second or to reside the what IT because to open and mutblesting seems as if there's a good 65000 read on the second of second second

For 30 rendamp fans the CyberStorm as with the Bizzaid 1280, has some revolutionary software called CyberHother This patches the unimplemented FPU institutions found in rey tecning code to instructions that are supported. The resulting sostnormical speed increase servicely overshadows any alternative 80900 card. For this reason the CyberStorm is the fisatest

accelerator currently available on big-box Amigas in both hardware specification and real world performance

The CyberStam II keeps up the Phase 5 tudition of high quality powerful products and while if s documentation needs work, the herdwise and support softwise is flist class. With one of these and a graphics card, your Amag will seriously exist e PC of even superior specification. The reduced is enough to make using the Amags for proressoral kendering are option again. This is the ultimate by box Amags accelerator.





The Apollo Twins

Apollo 1240/1260 accelerators

Lift off the trapdoor and launch one of these babies into your A1200; you won't hear any more creaking noises during rendering ...

> ust like the totally blowsway Cybarstorm on page 52 tha Apollo 040 and 060 cards are intended to increase the performance of your A1200 beyond your veldest dreams. The standard A1200 is so outdated by modern software, it really can't cope And if you want to compare your Arniga to a PC, evan a 486, or a modern Macintosh, than you need speed.

On your marks, get set ...

So what will these two babies do to help move things on? Both boards look very similar from the top down because, unlike the Bizzard, the business and (the Motorplo CPU) is mounted on the top of the board against bottom of your keyboard and not touching the trapdoor. The 060 model is equipped with a power convertor to convert the board's power supply (5v) to tha 3 6v the 68060 requires. Although the 840 does not need this converter, added excitement and bulk is edded to it by a fair and minrature heatamk. These are needed

because the 40Mhz 68040 is the hottest. chip Motorola evar made, without cooling assistance your Amiga will regularly crash Out of necessity the fen/heatsink on the 69040 are placed to one side so that it fits under the keyboard it looks swkward but it's a better system than the Falcon 040's lerger but hastsink-less fan.

Breeding heavily One niggle I have with both of these

boards is that the SCSI modula must be soldared in rather then using the odge connector plug-in mathed favoured by Phase 5 for the Blizzerds. That means that you are going to have to send your Apollos back to the dealer to have a SCSI chip installed efter purchase. Of course you can order them fitted from the start if you want. Both







CyberPatcher away!

Phase 5's 68060 accelerators still have a significant performance adge that's almost solely due to CyberPetcher. We seled Relph Schmidt, who developed the softwere for Phees 5, some questions about his creation. Q. Why was 68060 optimisation softwere deemed necessary by Phase 57 A. When we developed the cerd in Summer 1995, a lot of softwere used instructions which eren't implemented in the 58060 eny more. Gereld Carde and I come up with the idea to patch these instructions in real time. The Initial CyberPetcher was written around September 1994. O. Which instructions are missing?

The 060 has almost every 680x0 instruction epert from some in the 66020, but the mein problem lies with unimplemented 6888x FPU instructions.

Q. How does CyberPatcher work? A. CyberPatcher snoope for instructions which would normally be hendied by the emulation and tries to patch those instructions with a replacement. The difference between emulation and the CyberPetched routines is that the emulation has to emulate the opcode and runs in Supervisor mode where multiteshing is disabled. The resulting Cyber Petched opcodes don't have the same overhead and so are much feater. Q. So what kind of applications benefit from this? A. Once which use a lot of opcodes which eren't implemented. FPU exemples: Scenery Animetor, Imagine, LightWeve, Cinema 4D. Integer

exemples: PGP (en E-mail encryption pechage) and Mand2000. Q. Finally, are there any plans to release CyberPatcher which will work with other brands of accelerator? A. Not et the moment.

boards are also supplied with the relevant library softwere to get them up and running, including a 68040 library for the 040 and a 68060. library for the 060 unit. These libraries emulate the CPU instructions which were diopped on later processors

The Apollo 68060 has a faster memory interface then even Phase 5's Blizzard 1260 This makes it the fastest memory interfece yet seen on the Amroa. If it wasn't for the major oversight of no patching software, the Apollo 1260 would make your mechine the festest Amiga in the world (See the Cybai Patcher boxout above for e more detailed explanation of this! This means that with both benchmarks and realworld epplications, the Apollo 1260 performs very badly with FPU heavy tasks such as 3D rendering - one of the reasons anyone would want to spand over £500 on



A The Stid chie is actually reader then the AIR harry on her

en accalarator upprade. But how does it handle gemes and other software? With The Killing Grounds there was only about a 10% increase in speed. Full screen was still. not possible despite the fact that on the Blizzard 1260 it was more impressive Much to his surprise the 1240 outperformed its bigger brother, giving about a 20-25% speed increase - almost fast

enough to play at full screen Why was this surely the 68060 is the fester board? Again it comes down to the emulation of unsupported instructions, in particular MoveP Software which doesn't make afforts to evoid these instructions will be prone to performance loss unless speciel patching software is available (which it isn'i with the Apollo). However, the 68040. doesn't suffer from as many problems and you can get 68040 optimised versions of critical epplications such as 3D rendering packages like Onema 4D Running thase on the Apollo 40MHz 68040 is going to be fast. Certainly meny times faster than the unessisted Apollo 68080.

Surprise result

Given the extra expense and poor performance of the Apollo 1260, I find little to recommend it, the Blizzard 1260 is still the A1200s ultimete accelerator, but it does so et a very hefty price. And there is now a warphty elternative. Silen Softwere, who supplied us with these boards, are offering 60ns 16Mb SIMMs for only £100 when you



A The C26S wards both a least pick and a few to impo coel. buy en Apollo. As little as £475 buys you a

fast 68040 card with a healthy quantity of mamory This gives you vast processing power for nearly £200 less then a Blizzerd 1260 with a similar amount of RAM

The cooling and power consumption of this caid is still a factor and a beefier power supply may be needed if an internal abilities Hopefully Apollo's will provide patching softwere for the 060 card, in which case it should outperform the current Blozzard 1260. Until then though, the 060 is overshadowed by it's cheeper and fester little brother Mst Bettinson

APOLLO 1240



APOLLO 1260

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Dynamode Modems

■ Price: 14400 £89.99/28800 £149.99 ■ Developer: Dynamode ■ Supplier: OnLine PO Ø D1704 834335

Two modems which look the same but perform radically differently. Value for money or what?



Mismi and TarmiteTCP on page 50), and an account with an Internet Service Provider InternetFCI still have a three month trial offer for CU Amrga readers for only £20 00. Call them at FCI on 01273-763000 for datails. Once that's dane you need the final missing link which Is a Modern

Updated Mr Modem inl ina PD have sourced updated moderns to

the Mr Modern range (which I quite liked from the last Modern round-up). Sporting the same compact size, front power on/off switch and assy to see LEDs on the front panel, the only difference is that it's gone beige instead of blank. This aspect is a turn for the worse and makes tham look a little chaap. Thay've even got 'Modern' written on them in case you ever forgot what that box was sitting on your desk,

The moderns badged 'Dynamode' may not be a 'name brand but they've got a feature I didn't expect to see on a BT and CE approved modern a pass-through connector to plug your telephone into. That way when the modern is on-line, you can't pick up the phone on it. A vary hendy facility as you also never have to unplug the modern. CE approval

this case both the power and telephone cables ere wrapped around RF 'chokas' to stop any Interference which may result.

Techno-laden fair

The supplied manuals are the usual technoledan feir which is a useful reference once you get to grips with how to drive the modern. A serial cable is provided and thoughtfully it has both a 25 and 9 pin D connectors on the computer end which will keep Surf Squirrel users happy too. A telaphona cable and a double edaptor is provided and a Pipex-Dial Internet offer though it's supplied with PC software usaless for the Amige Both sport two year return-to-base warrantees which is good for peaca of mind

At this point, the two different moderns part company. Physically on the outside they may be the same but internal specifications differ wildly The cheaper unit supports only V32 bis which is the name of the standard for a rate of 14400 bps. This means it takes about nine mmutes on-line to transfer a full floopy disk worth of data

The more expensive modern supports VFC (unlike Mr Modern) and V34 whose standard dictates a 28800 bps rate moving the same deta in 4 and a half minutes. The 14400 bps unit does however have 'Voica' support with a microphone and speaker jack on the same This would cartainly be handy if only the Amige had some Voice mail software, which

Worked faultlessly

Bath mortems have Fax Class 2 capability at 9600 and 14400 and this proved to work sufficently well with GP Fax. The V34/28K Dynamode did show some fondness for retaining (ra negotiating a connection) when calling InternetFCI and Demon. This somatimes adds a little extre time to how long it takes to connact though it's not a serious problam. That V32brs/14K Dynamode worked faultiessly in terms of connection but was slower. One negative point is the small power packs provided as they run a little too hot for comfort

Overell these ere good cheep modems that work. Online even throw in a 31 disk pack of Amige comms-related software which is a little unnacessary since if you get yourself on line you can download them yourself Still, it's a nice touch. They also supply a few sheets of extra information such as Amiga BBS numbers etc also At 90 guid for the V32/14K4 modam, no-one's got an axcuse for not getting one However the V34 and is also comparatively maxpensive and will save money in the longer term because of faster downloads

Mat Bettinson



the 14,400 is mediacra, the 28 000 is supply ber







Emplant MacLite Vlac 1200



■ Price: £59.95/£49.95 ■ Developer: Jim Drew ■ Supplier: 8littersoft © 01908 261477

If you think an Apple is just for eeting you're berking up the wrong tree. However if you fancy getting your teeth into the computer version Emplent could be for you ...

A Emplant comme with a supersta string to preats and manage Apple formet drives and files.

0.000

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0.000

hey say lmitation is the little confused when it omes to Emplant The original Emplant was sold as a package including a Zorro II card which kept the price up and user base

down It also meent that it could provide SCSI and AppleTalk conthe only fearable way of using cortain Appla peripherals such as the Mac-specific AppleTalk networking system

package posched many would-be hardware and providing a software only emulation package. It meant Apple emulation on the cheap, and has since proved to

Now it's Emplant's turn Torn from the hardware there are two new versions of Emplant aveilable Mac1200 specifically for the A1200, and MacLite for any 68020 or better Amiga. Both are softwere only systems, clearly designed to win back some ground lost to ShapeShifter



Stuteen bit (sec)

Quadra 605 equals § D

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1.057

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0.670

0.787

0.385 1.049

0.985 1.189

0.769 1.089

0.739

1.292

Average:

Performance tests

At heart both Emplant and ShapeShifter are going to run at similar speads, simply because of the fact that the Apple programs are running on the Amlga's processor directly This also keeps the speeds in line with genuine Apple computers based on the same processor. There are two real performance bottlenecks disk access and graphics

Although both Emplant and ShapeShifter will work with a dummy file system based on smgle huge files existing on a stendard AmigaDOS disk partition, the best solution is to provide a complete partition. Both systems experience huga performance increases when given their own Apple format partitions to play in In fact, I was able to make Emplant use the partition I had been using for months with ShapeShifter without making any major modifications.

Graphics are the big problem however Apple and Arrige screen Apple likes chunky pixels, the

A Sonthwarking software in action on Employe, renning in AGA mode.

Denck Sort (sec)

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Rubble Sort (sec)

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Int. Metris (sec)

O.1 slaups 206 arbangs



A. H's not often you not three sparating systems on one names. Assign, PC (thanks to PC limit) and Apple Mac, thanks to Employ: MacLets.

Armos uses Bitnianes, If you have a graphics card there isn't a problem, and your emulated Mac will fly However, most Arrige usere don't have access to e graphics card or any slots lu which to fit one It's therefore important that amulation of the screen modes. on the Amige's netive displey is as fast and efficient as possible

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Emplant offers many different scieen modes to suit your working requirements. If you are lucky enough to own e graphics card, a CyberGraphics driver is supplied (although I couldn't get a display larger than 640 by 480). If you don't have au external video card. there are PAL and NTSC drivers and special AGA versions. You can also open up a window on the Workberich if you want to impress passing PC owners. The fastest video driver is the black and white display Fast, but not terribly attractive. You will be able to run word processors and so on, but Photoshop will look a little diab. With a decent processor (read a good 66030) and Fast RAM, the 16 colour display is impressive, and the 258 colour display is still useable.

Interlace headache

The bed news is that displays will be in interfeced (i.e. flicker) mode unless you are using an AGA

machine and have a monitor capable of displaying Multiscan displays If you do have this satup, you are sport for choice when it comes to picking a display Besides all the usual 2, 4, 16 and 256 colour Mec modes, using HAM8. Emplant can even smulate 15/24 bit screens. Overall, screen updates seamed cousiderably simpother than ShapaShifter sq 1 ran some benchmarking programs for a more accurate measurement. The results are displayed hersaboute It's interesting to

note that drivers for the Graffits

Memory

For some reason, Emplere theu in contiguous blocks,

graphics card are promised and that could boost performance a great deal

matters

seemed less happy with grabbing all the available memory. If your memory expansion happens to deal in memory in chunks rather ShapeShifter can sometimes find a few more bytes. Neither of these programs will support

Tue 19:47 am 25

Virtual Memory or use the MMU to group together all memory pools: although these features are apparently available with the hardware based Emplant system Another hitch was that floppy disa eccess seemed to be slower through Emplant than through

Shepe Shifter So, is turning your Amiga into a Mac all that good? Certainly it's fun and it can be very useful too how else are you going to run Microsoft Word, Natscape Nevigetoi oi Internet Explarer? PC emulation is too slow for monster software like that The big catch is that you need the Appla operating system software end the ROM image from a genuine Apple Mac The software is no problem (heck it was on the lest CU Amige CD-ROM) but the ROM can be I happen to own on LCIII Mac which meant I could use the supplied program to anapshot the ROM image However, you might not ba so lucky These new versions of Emplant

are very welcome, if not overdue I had no senous complainte to make about them, and if you haven't seeu a Mac emulatiou in action you will be seriously impressed Emplant supports SCSI hardware, networking protocals and CO-BOM drives. Should you use it instead of ShapeShifter? If you have a graphics card, it doesn't seem to make a great deal of difference which program to use (although until tha Cyber Graphics display but is food and the scienu can be increased to 800 by 600. I'll probably use ShapeShifter more) However, for A1200 owners, Emplent would seem to be a lot faster than ShapeShifter, and that could very reasonably be taken to be the dacidlug factor John Kennedy



and Allie of RAM

Photo CD Manager

■ Price: £29.95 ■ Developer: ASIM Innovations ■ Supplier: Siren Software © 0161 796 5279

Looking for a slideshow? You're sorted. A menager for your photoCDs? That's another story...

ith photoCDs you dan save your own pictures put on CD-ROM instead of film prints Also you can wave goodbys to tons of bulky photo albums clagging up your living room because, as these types of CDs are multi session CDs, you can keep going back to add more pictures to your CD until it is full

wouldn't it ba too difficult and axpansive to do? Not really. Once you've shot a roll of film buy a blank gold writable CD (cost about £10) if this is your first set of films to go on CD. Then take both to a devalopment centre which handles PhotoCDs Chack the Yellow Pages for one in your eree. Next, the developer processes tha film (normalty only the negatives are needad), and scanned in at en emezing 3072 x 2048 pixels. The resulting PCD files are burnt onto the CD

Once you have all your pictures on a CD, perhaps you need something to help you greatise them? This is where PhotoCD Manager comes in, It's produced by ASIM Innovations, the Canadian developor who specialises in CD-ROM filesystem and MesterISO The program is on CD in the form of a simple installer and 36 PCD files on tha CD There ere also two versions of PhotoCD Manager, a HAM

version for OCS/ECS machines and a HAM8 version for AGA machines. It's simple to use and has an attractive custom GUI on an Interlaced HAM or HAM8 scraen fit can be lorced to DBLPall If a PhotoCD is inserted into the CD-ROM, PCD Meneger will scen the PhotoCD and compose thumbned pictures. These ere in banks which can be activated by clicking on the number range gadgets PCD Manager also saves the thumbnalls to HD so that when the disk is next inserted, it only takes a sec and to import the thumbrials

Not a manager

PhotoCD is a more a slidesho then a manager The thumbnails can be viewed in a small window. or added to a slideshow Tha whether pictures are to be viewed horizontally or vertically. The rest of the slideshow features are basic, two kinds of wipe end loop/pause options and insert and delete buttons for slideshow

I can only see PhatoCD Menagar being of use to someone creating a demonstration with a CD32 (which PhotoCD manager has full loyped support for or as a basic viewer if the owner didn't already have one. I would have liked a lot more support on the CD Including some graphics menipula-



this isn't very much, If you name

tion utilities and even more PCD fites considering less than 200Mb of the CD is used

The list of what PhotoCD manager doesn't do is far longer then what it does For instance the viewer uses a horrible 384 x 256 resolution regardless of using the HAMB version which could easily support the PCD built-in 768 x 512 mode it elso won't save out as enything other than the low resolution HAMB IFF There's no optimisation in the palette to avoid HAM8 finging Amongst other things you should be able to catalogue the thumbness off HD to 'menage your Photo CD collection

Poor quality What PhotoCD Meneger sets out to do, it does The trouble is that

CD filesystem capable of reading shareware packeges which support PCD at the resolution PCS files support (such as ImageFXC and achieve much better resum

Howevar, given that PCD Menager works nically on a sac-CD32 it doss have some uses. steer clear and spend the more on shareware/commercial pace ages which can process PCD files and possibly creeta better slideshows with samething sa MeinActor What a pity

Met Bettinson



A This is a PhotoCO file on yoursel by PhotoCO Manager to MAMS 384 x 755



A Thus in the same PhotoCD life on at could look in a impler recolution

PHOTO CO MANAGER

system raquirement





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Aminet 13



All the letest from the famous Aminet archive comes our way once again on Aminet 13, this time with a special locus on enimeton. A fully intect, working version of Main Actor is also included. This is an animation and edit enime tions altering time frames and tagging sounds to specific parts to create synchronised sound-tacks it uses a kind of friedom modular window interfece that's designed for screens larger than 640 x 256 busts, which unfortu-

nately mekes for every cluttered and confused display in a high res, non-interfaced vidao screen mode

There's e healthy 800Mb of new software data and the exchived format of the CD masns there's still room for nearly 300Mb in the 'plx' drawsi too most of

oliver to miss to which is animations. As always there's the usual stack of software from every corner of the globe in every imaginable category it wears' the casa until study recently, but now one way or enother, just about 59% of all finely distributable Amige software gets uploaded to the Aminet, so what you've got here.

is an all-encompassing collection

All the topics are listed alphabati

of the letest shere wate and PD relesses, includ ing games demos, utili ties, upplications modules, samples Once egein, highly recom-Available from: Mos CD-ROM deulers. Chuck ade for prices.

Epic Interactive Encyclopedia

The last time we looked at an encyclopedia CD-ROM was beck in our November 1995 issue. The Groler Encyclopedia was isted at 87% and scored points for its excellent, clear end simple front and and overall presentation.

Apparently that CD has now completely sold out the world over, so Epic Marketing decided to exceed their own completely.

over, so Epic Marketing decider to create their own completely new Amiga CD Encyclopedia There are three main sactions Encyclopedia, Media



cetly in a single index in a window on the left, which can be soralled with tha cusion keys, Pg Up and Pg Down on the keyped or with the pokey lettle gadgets next to the ist. Any thems of particular interest can be sticked oil on the lest and carried over to the make up your own indexes from solected subjects. There's a Seeich button just thenough the man list which works as a short-

cut for locating any subject For each subject thate is always some text, and certain subjects have a picture (or a ple or a small 'move clip' animation, Soma solupect may have all of these others might have one or two However, pictures of not accompany all oil the entres neally hall of this authorities looked at were text-only offerer which is a little disemporating. Those that do have pictures tend to be in this nature, somere and pictures themselves appear in another window and can normally be viewed as full-sciene llow resolution grey scele misers to your limited.

resolution gray scale images too.
Film clips appear (very occasionally) in a mini screen m the
bottom right corner. These are
oney scale animbrushes orebbed.



from video and lasting somewhere around three to five seconds

around three to five sounds. You can make your Armiga read out the text for any of the soughest by citching on the Speak button Unfortunately this uses the Armiga's old speech synthesis leature which makes Speak is Speal sound kitch en a cloud from tisecher! So a's of Immed use The necessary Mee are installed automatically to allow this feature on more recent Armigs 8! You

The necessary Mes are installed automatically to allow this feature more recent Amiges. If you want to use any of the pictures or last (meybe in school project a suchkide you can use the Export function to save them to your hard drive or print them out the rest of the data (arrives and sounds) is stored on if he CD as stendard Amige lifes.

Media show

in the Media show section you can take your perform on market ed silideahows covering bology, environment, especialism sport, technology and fransport A well-rounded, rythan multified and mondance voice reads one of as scripts pitched a la kind of tuped primary school level. The name lives are stored as FFF samples. Well well as the same lives are stored as FFF samples would here taken a fall market. Spaped! This slideshows are in collectively some good pictures.

Finally liner is the Explorance is a section designed for younge linds. There are as a Explorance is a section designed for younge linds. There are as a section of the explorance is a section and spaced, each area consensing of a state can be each area consensing of a state can be a sound when closed on This is in 'play mode if you sweeth to fleariff mode, cloking the Openior bring the order of the explorance is a section of the explorance is the explorance in the explorance in the explorance is the explorance in the explorance in the explorance is the explorance in the explorance in the explorance is the explorance in the explorance

It's possible to edd your or subjects to the mem databasi update it from extra subject add-ons avariable from Epro



farketing (either on flooply disk if via the internet). Additional leta is stored on your hard drive one of the reasons why e herd.

Conclusion While this is generally a fun e

While this is generally a fun end informative package, it does fell down in a few areas it would certainly be helped by more pictures, animations and sounds. The message "Sorry their is no image for this subject" seems to

There's orly so much room on a CD, but meybe the spece laken up by the Media Show section (around 50Mb) would have been put to belief use illustrating the mein encyclopedia. Both the Media Show and Explorapedia sections are orientalining once,

sections are entertaining on but unlikely to draw you bec repeated viewings If you're on the lookout for some interestive refer ence material theology. ensure you can run a version of the encyclopedia on any herd drive equipped Amigo with 2Mb of RAM and OS 2 or higher, with an enhanced version on the CD for AGA users which requires

Aveilable from: Epic Merketing, 139 Victorie

Roed, Swindon, Wilts.
Tel: 0500 131 486.
Price: £29.99 plus £1
poat & pack/ng.



r m ormallow rs Ioo ccathe are Here wa go agam . working through a CD full of PD games should be fun. All those 'Golden' games et your fingertips, whet could be better? I can think of a few things.

Most PD games have a habit of shutting out your operating system along with any programs that mey be cunning, often with no option to quit back to Workbench, They also have a habit of boing either at Incompatible with various Amegas, oi b crap, While eny one of these

problems in isolation may not be a major heastle for occasional game playing, when you're faced with the task of sifting through 1,000 sech games on a CD-ROM things can get a bit massy – you could find yourself sitting through what saems like hours of diswinder the segmences, system crashes and isboots before you

find anything worth playing Don't lose heart though, there are some real beauties lurking between the rubbish. These are mostly is-makes of classic colmops from the 80s, like the febrilous pixel-perfect. Defender clone (with all the onginel sound effects), Bignonie's unofficial Dankey Kong. Popeys and Zaxxon conversions (sadly Donkey Kong is not AGA compatible).

Amoeba Invaders, Boulderdash and the like Most of these have

Most of these have been knocking around the scene end vanous CD compilitions for a few years though, so if you've already got a CD-ROM of PD garnes it's likely you'll have most of them

There are still some interestingly obsquie garnes to be found like the 'Pepsi-sponsored' one in which you attempt to catch leaping trout in a net whilst standing in a river in I reland. I can tall you're excited already Fans of the long-forgotten genie of the text adventure will find pleaty to get stuck into

Once you've endured the process of identifying which games ere good you'll probable end up with a care of around edozen gerns. Just don't expect 1,000 quelity games!

Aveileble from: GTI, Carl-Zeiss-Strasse 9, D-79761 Weldshut, Tiengen, Germany.



60

Amiga CD Sensation - Demos R 4 Ever



From the compilers of the Golden Gemes CD. Demos R a Eve aims to being the best of the Amiga damo scene to you on one CD. With demos dating back as far as 1922 (and possibly further) 117 ont a cross section of the cusient scene but a kind of edited highlights package. That's not to say it has all the best demos from the last faw years. Tiscking down some of the classics from the some of the classics from the recent end distent past is not always fruitful, but you couldn't criticise the CD foi its omissions when there are so many that have been inclinded (almost 2.200 in fact)

The demos are all uncompressed and come with readmafiles that advise on the system requirements. To say they are all ready to run from the CD might be rether penerous — ready to Games CD, casual browsing of the contents leads to count-less crashes and lock-ups. If you take time to check all the readmen files before attempting then a per profession of the country of the country

crash would be

Golden

more realistic. As with the

attempting to run arrything then you shouldn't have too much bothab, but afte a while that becomes a choir you could do without. A better system is amployed on this Spaceballs Scane Storm CD, which pops up ittls requestes whenever you click a diemo's Icon, talling you us requirements and whether it will saxt, giving you the choice to go shead and run to to be bort

before you lock up the machine if you're a demo fan but you're not connected to the Internat this is an excellent way to catch up on many of the top demos you'll have seen covared in our PD Score section over the years. Finding a particular demo is made fairly easy so long as you know the name of the group that made it, as they're stored elphabeteally according to their creators. A search tool would be useful for locating demos by their trib.

Although this suffers many of the problems encountered with the Golden Gemes disc, generally the quality of the content is higher. When they work they're good examples of what's out there on

the damo scene Available from: GTI, Carl-Zeise-Stresse 9, D-79761 Weldehut, Tiengen, Germeny.



68



A selection of games heve risen above the rest of the PD scene offerings this month. Tony Horgen is your cheep thrills guide.

Above Top Secret

Here's a dish for sayosa who thinks they're a bit of on expert on TV and rnovie sci-fi. it's a quiz with question sets based on Alien, Bladerunger, Doctor Who Red Dwarf, Star Ware and The X-Files. it's been com pilad with the Q-Whizz quiz engine, which leads to a neat interface which is clear



d easy to use, avan if it is a bit laboured at times Casual fans will probably find it quits challenging, while real anoraks will so-doubt reval in answering every question correctly. Either way it should provide pleaty of chin-strohling fun fer anyone who weers Star Treb pyjamas at night, it's licenceware by the way, not PD.

Available from: F1 Licenceware, 31 Wallington Road, Exeter, Devos, EX2 PDU. Tel: 01392 493 580. Price: £3.99 ptee 75p p+u.

Birdie game

> 2000 ଜାଲାଲାଲାଲାଲାଲାଲାଲାଲାଲାଲ PURSALLIA

DIY pletform gamva are popular this month. Along with Quickaire wa've this oas, another short taster of a cheap mail order game. It's based on an old concept that spowerd a coman oid concept that spaward a com-mercial gama a few years ego, in which you controlled a little car driving along a saries of platforms, colouring them in as you went until the whole level was recoloured. Give your-

you men't until the whole head was recisioned. Gue your men't until the whole head was recisioned. Gue you can existed for, a feet as deep within with librials replaces the car with a electronically cuts Orville the Dush type of char-teria behaves as Guest. This version is a but more challenged the behaves as Guest. This version is a but more challenged that the contract of the contract of the contract of the latest generally and more next is to evoid, which is no least of purpose and more next is to evoid, which is not been supposed to the contract of the contract of the man of which I will can't remained, through to the and

Sinife won't set the world alight but if could keep the younger members of the family amused for a while. If you like it a lot you can send off for the fell game from the author. If you don't like it you've got yourself a blank disk for under £1.50 including post and packing, so what have you not to lose?

Available from; Hornesoft PD, 23 Stanwell Close, Wincohanh, Sheffield, S9 1PZ. Price: £65p plus 70p p+p.

Quicksilva

game

Definitely one of the better games to have emerged from the PD scane lately, Quicksilver is a 6omo version of a colourtui platform game featuring a dumpy fittle eadroid as its mais character. The fast poralles scrolling is

A1200. Some kind of companistion for faster machines avads to be implamented, because as it is, it's almost unplayable on such a system. That's good naws for anyone with a slower Amiga though, so it shouldn't have say

One win a slower single though, so it amount from the trouble keeping up running on less powerful CPUs. If trouble keeping up running on less powerful CPUs. If Jones Pond genes you'll get along just rins, but don't appect the gameslay to match that of the famed finity exists. It's fally simply run, jump and alloots action with the study plot-ups and baddies along the very. Nothing out of the ordinary but a gend let of the a may be done of the continue to the continue yet a gend let of the a may be desired.



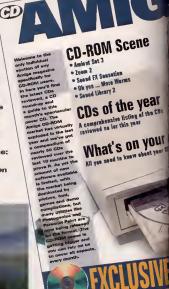
Hernesoft PD, 23 Stnawell Clone, Wincobank, Shaffield, S9 1PZ. Price: £65p plus 70p p+p.

their ld be

ny of with nerally highgood re on

From the November 1996 issue of CU Amiga Megezine we will be cover mounting e CD and incorporating the **CD** Amiga section permanently. As a bonus we'll have a top **FULL** utility on CD next month too ... but don't worry, if you haven't got e CD-ROM drive we haven't forgotten you. As usual the disks on the regular issue will heve the best game demo in the world and an exclusive FULL utility as well.

So don't miss out on either the CD or the floppy disk issue of CU Amiga Magazine: place en order with your newsagent using the coupon opposite right now!





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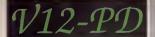
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Newsequent: CU Amige Megazine is distributed by Frontline. Please contact your local wholesaler for copies of the CU Amiga Megezine CD edition, monthly at £5.99 from November 1996.



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L MIGRIENCH 1 SUSPE, WE STILL SUPPORT. URLS. HE AND MARE THE LARGEST AS COLLECTION IN THE WORLD, OUR CATOSK WORKS FINE FROM SPARATOR IN 1, 5, OR GIFT BUT DUT RIGHTO A SOOT WITH SOME NEW POINTEMENT OR COURSE, WER AND ARE AMERICA OWNERS ARE SUPPORTED BETTER THAN A PAG ON STILLS TOOG SYRYIOUSE WE COME. PROPRIOTE SCREENED ON IS DES LIBITED GRAND TO THE WEST SUMMED AND AND TO THE WORLD AND THE STILLS TOOG SYRYIOUSE WE COME. PROPRIOTE SCREENED ON IS DESIRED SHIP SOME SUMMED STILLS TOOG SYRYIOUSE WILL AND ON TO THE STILL STIL

FOR A CATDISK RING THE NUMBER ABOVE, OR WRITE AND ASK IT'S FREE THIS MONTH SO GET IT AND START SEEING HOW A PD COMPANY SHOULD BEI WHAT HAVE YOU GOT TO

I DOSE? WE DON'T RITE YOU KNOW WHEN YOU RE LOOKING ANYWAY THAT'S ABOUT ALL VIZ HAS TO SAY THIS MONTH EXCEPT HAVE ANOTHER HAPPY AMIGNING MONTH. AND NO MATTER WHAT HAPPENS WE WILL ALWAYS SUPPLY FLOPPY
FO TO THE CUSTOMERS THAT WANT IT WE WON'T FOLLOW EVERONE OF TO CO ONLY LAND, SO DON'T WORRY YOU ILL ALWAYS HAVE SOMEONE LIDKING AFTER YOUR NEEDS

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PD Utilities

Anthony Brice wades knee-deep through en ocean of PD Utilities end nets a powerful Email manager, e HTML

converter, a superlative Electronic FiloFax and lots more In this month's bumper catch.

Epoch Voyager Electronic Filofax

In the beginning there was Epoch Professional than Epoch Mester. Even thee, author Jash Pritcherd was not happy. so for the final part of this trilogy (unless he creates another varsion) we have Epoch Voyager. Jush states that he storted from scratch to ereate this new erganisor and there have been lote of improvements made over all of its

Serlier incurrations. Seven had the benefit of coming For those when we had not been been for For those when you been for what you have it as you for your property of the pro

designed and easy to novigate oround, even if it is a little too Windows '95 for my liking.

It's a shareware program though folks, so you won't get all the features in the evaluation version and number of records is limited to 20 or so. But the price of perchasing a full varsion is only £15 and is this case yos get more ing a cut version is only ELD and is this case you get more than what you pay for. Di particular note is the accollent sourch facilities and configuration aspects is this pro-gram. With on-line help and dusck windows for easy navi-gation, it seems the euther roully hee thought of easy philips. Highly resummended.

Available from: Online PD, 1 The Cloistem, Helsell Lane, Formby, Liverpool L37 3PX. Tel: 01704 834335.



Vark 13 disk utility compilation



The Verk series of PD dicks has become pretty popular

over the lest coeple of years and number 13 should be so exception. Verk is se Amiga tan who releases regular additions to the Verh Ullis disk series mede ap-from the letest and isest tools that appear on the PD scene. This own, due to popular demand according to his sote as the disk, has been compiled with Workbeach users in mind. Each program has associated icons, along with the relevant documesta-tion is its own directory (unlike some Shell-cely

utility dishe).

tranty classes.
The masey tools on the disk leckude a boot acroen that displays system information, a convemien tool terchanging AmigsGuide files to ASGI, BitzDMS (the best front and for DMS), a tool for scanning how much space Front and Gr DMS), a tool for acousing how much space of effective these upon a volume, and the configuring of effective these upon a volume, and the original state of the space of the sp

to the eriginal authors and are all trooly distributable

Available from: Roberta Smith DTP, 190 Falloden Way, Hemsptead Garden Suburb, London NW11 6JE. Tel; 0191

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23

DiskSqueeze disk compressor

OishSqueeze coeld become the floppy dish erchive format of the futers - even mplacing DMSI It non-DOS truck forats so you am eble to compress est ebout eny mige dish. Also the erchives en much emelier then



much entailer than provided the provided that the provided off from you would get me sprine; for adding file, is fall; has google with a lot of hallette housely and basner files which a roll view beats this file without it beying to be unpacked. The text option checks if the exhibit is compared OX as well. Support for makiple devices are satisfalls, so you could compress within so me writted devices which is compared to the provided compress within an a writted device which is compared to the provided compress within an activated device of the provided compress within an activated device.

such as RAD: and similer prodects.
This program's strong point is user friendliness. The
install earlyt is very well written and includes a check program which you can run after installation to scan your
system, cheahing that required files are present and environment labels are set. Dee ortificient is that so many comment above are set. One received we see such that script. However, this is negated by the excellent installer, et not a problem once you have it installed on your are the cuttor else promises significant new feateres for version 2, such as a

front end GUI rather then a betton ber.

Available from Aminut Path: atil/orc

Yam 1.3 Email manager



Yet Another Meiler, MUI application use for the meding, wri ing and storage of ing and storage of Email. Them am also direct tools boilt in for transferring mail between Yam and our mail asrver, including options to write and spool out messages off-fine medy for

transfer if you next link up. You can also use it to imp content if you set un to be not considered by the SMTP proto-oid leased by most AmiTCP descript, which is heady if you to test Yam without measing up your current system. The front-und is fully configurable and the certifice belt protein in both user infentily and clearly leid out. One small critication make it the lack of an option to prohib make of the lack of an option to prohib make of the lack of an option to prohib make on the property as your, And speaking of price, here's the best part. Yam is totally freewom, Registration costs you just the price of an Email. So, then's no scesse what severe for not registering the program,

Aveilable from Aminet Fath: comm/mell

WinBar

GUI for launching programs.

Yat enother proleunch progreme vie e GUI on So what doss MinBar offer don't? To start, we



heve options for meltiple lists. This is handled via different pmfer-

ourserskip private anamber of programs yos can have somes files such a samber of programs yos can have some programs and the same program it shows the likes of TooloDeenon, you have four different ways to leanch a tesh vis MinBer: Wortbench TooloDeenon (CI IDDS commend, Afters Seript, or Link: The main GUI is en AppWindow se you cen drop programs into it while searching through your hard drive. Miniber sko has deeper edvonced eptiene, designed primarily for running germs, when you can disable CPU cachee, mast the display and roset the VBR (verticel blanh mgis-ter) between Chip and Feet RAM. TooleDearmen is no longer supported and TooleManager is a huge program which can be very trichy to set up for beginnen. In conwhich can be very trichy to set up for beginners. In or trinst Ministr ione executable file with the pre's sys-tem bull: in and very ecosamic on the monory, spar-form the Mull overhead if you use that vernion. The suthor has slee premised continued support. A compenhensive tool, which, while fiddly to use

A comprimensive tool, which, while today to use smill you've got used to it, end road the nessed properly, has significant improvements over elimiter programs and is also totally frest Registration is vice as Encell message to the suthor who will then send of the heyelf. On-line registration is vice to the wild the well of the w eth which is a great idea. Just point your web browser at http://www.esteggs.slemon.co.ek and follow the tinhs.

Available from Aminet Path: util/wb

RDAG2HTML v1.6 AmigaGuide - HTML converter.

RDAG2HTML is an ARexx script that will convert your old Amagendates documents that HTML farmet. Despite the mean it is a document, and the HTML farmet. Despite the mean it is document is a document to a man fulfit when you wont to download it surerist is sit to get a provision to work the HTML design. No programs is quint to be able to do it sill for you, but RDAGSHTML done a fet job. It tolerdoes were provided to the sill for you be RDAGSHTML done a fet job. It tolerdoes were provided to the sill provided to the sill for you have been silled to the sill for you have been seen to the silled to the AmigeGeide documents into HTML format. Despite the

Available from Amiest Fath: text/hyper



Workbench Add-On Volume 1



Aminet Set 1



Meeting Pearls Vol. 111



XiPaint V4



Aminet Set 2



Aminet 13







Aminet Set 3



Aminet 14

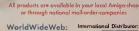


NetNews Offline Vol. 1

Amiga Developer CD v1.1









Gamers' Delight H

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Welcome to the pert of the magazine where people turn to first for help. edvice and information on everything from Comms through to the internal workings of your Amiga.

76 Art Gallery

The top quality artwork continues. If you went to see your work Published and maybe get a job as a result, sand it in now.

86 Comms creeting your peges on the Net.

Saving time and space is on the egende for this month's guide to

Net God

The letest information on what is going on in the global wired world.

Ramember - you read it here first. 90 **Masterclass**

Never judge a book by its cover. This time we're going deep into Workbench to find out what all those 'hidden' files do.

FAQ

Getting PC and Mac softwara to work on your Amige is simple. And it will be even easier once you've read this FAQ on it.

Q&A

it's general hospital time for all those broken Amiges. Doctor Horgen and Nurse Bertinson are on hand with the bendages.

100 Points of View

Someone with an opinion is better then someone who couldn't cara less. These peges ere home to all those who cere about the Amige.

102 Backchat

A Spanish reader fills us in where our Euroscene leature left off, readere reply to Mr Wilson and lots more in our monthly forum.

Imagine 4.0 Independence Day has nothing on the ellens in this tutorial. Well, maybe not but you can have a darn good try at getting close with imagine's superb lighting effects.

82 **EasyCalc**

ices receive the EasyCale treatment; how to get them looking tidy whilst all the

84 Graphics Masterclass

We've gone all afternative this month as look at other ways of using some of the processes in ImageFX















































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oin the club

h (on diek), your project details ato

Artist: Staphan Gardiner, CUCDIII Software. Imagine, image FX Amiga: A1200



Artist: Keat Stahre Emailand Amige: Not haowa

Softwere Brilliance, Imegias



Artist: Mark Sheeky, Cheelm Amiga: AGA Software. Imagine 3

Artist: Kest Stahm. Emaileed Amigs: Not keows Softwam: Srillisace, Imagiae



Artist: Mille Patrice, CUCDIII Amiga: AGA Softwam: Photogenics, Imagine, Brilliance



Artist: Derek Thompson, CUCDIII Amige: AGA Software. DPelat IV, Photogeaice, Imagise 2.0

Imagine 3.0



A little green man takes off with Daisy under cover of darkness! Find out how we helped him do it with Imagine's many different light sources. Getting the lighting right is what differentiates an avarage Image from a spectacular one. This month we'll lead at how the position and type of light sources can transform a flat and unresilatic render into a lifelike one.

Come into the light, my dear? Before Imagine will even start rendering there some even ere

must be at least one light source in every scena For best results, however, you'll probaser by reed at least two light sources. And just to add even more realism Imagine has a special form of light source called "ambent lefting." This is a general light epplied equely to all

objects from all directions Achieving absolute realism in a picture is not always desirable though. You have to decide whether you went to go for raelism (like Babylon 5) or simply what looks best (like Star Trek TNG). Realism requires that you have a single light source, usually the sun and no ambient lighting. However trying to recreate what a gient speck ship floating in deep space would actuelly look like can be pretty dull as a lot of the objects would be in the shadows end tacking detail. The creators of Babylon 5 get around this by ansuring that their star backdrops contain lots of purple and blue nabula rather than simple darkness. Also, the ships in Star Trek all seem to manage to look perfectly lit from all directions and

e some even ere fitted with their own light sources for illumination.

Below is a more practical example. There are generally accepted ways to position light sources for best effect. A simple scene, say a camere and one object, requires two light sources. The first is far away and this is the



do Have those in easy use light users orderly in placed bulled the obsect, Although dramatic, was probably mon't use this offect way often

fail' light. The second light is placed close to the camera for the main fillimination. You can see the effects of these lights in the follow illustrations. When using digitised becktrop images as shown here, try and arrange the lights so that they cast shadows in the same way as the sun does in the scanned image.



A. The emple light untree has been moved away high as the sky on though it were the one. Lack how bland the lander one looks.



d. The light has been brought next to the consern and a second neuron placed in the distance to provide a "Ni". The shadows have added death to the landerness, and blandern the detail on the new object.



do Nove emblest lighting has been turned as too retree here the darker chedores are attribut to appear groy. You much amblest light and they II start to appear enabled not.

are not necessarily point sources but send out light in all directions in sphenical it's now possible to control the direction the light travels and define the light beam as either round or rectangular

There are also other types of light source such as a source which emits parallel rays. Parallel rays are like those from the sun and illuminate all objects equally. To select the type of light source you'll need to create a normal light and then go to the Action editor and look at



When you create light sources with either round or rectangular settings and use the Display menu to switch on the Light Lines' the lights are pointing in. Their ere no lines drawn for the default spherical light source because the light is pointing in all directions at price. You can combine the light. beams with foggy objects as before, to create rather cool searchight effects You'll need to

match the shape of the light beam phiecis to suit the light source In the real world, light sources cest shadows and Imagine will do this top. You can switch shadows on and off from the Action editor 'Actor' requester as before With the shadows turned on, rendering times are increased dramatically

I aponly use them when strictly Trace mode not acanime, to see the shadows. Only use shadows with the light sources which actually require them. The last image features a round light source with shadows switched on There is e fill light in the distence and ambient lighting is turned on The image is 1024 by 768 pixels and took 18 minutes to render in trace mode on an

68040 based A4000



A Record Fight service



A. House light searce



A. This image leatures a round light source with it a shadown switzhied as it task III selection to reader as truck made on an 64-888

Making the invisible visible s often desirable to make



beam itself can be observed. For example it would be very useful for creating a spooky picture ghouls and chosts havering about. Or how about a spaceties are endless. Luckily, this is quite an easy

A to the detail edeac wrests on object (cood or cylinder) which well to the Bases of bight.



effect to echieve and it makes use of the fog length' of an object Let's say for example you want to make a space ship (Obviously this is what is required to tor beem). Then all you have to is follow the examples to the

have one in no time A liter the beam colour is white or unelse. Adjout the Foy Length to sail, by noting it is twice ill a white of ill a beam object to start. Simple isn t lt?

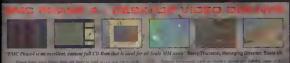
A fear to the littee critic create the held peared and position the beam where you went it. I've addis-



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Will not the areginary of neuronal active professionals desired backgrounds corresponding nothing. Whiteless and Technology There indicates severage facts good and add the professional scale to the object presentation and are trapped in 2001 to 600 2400 per good and with IEEE This college, coversional and Seed, the 2004 to 700 TeS of Temats.

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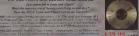


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Lasy Galc





cated things can look easy. as we're about to find out in this last

EasyCalc tutoriel.

e're often amezed at how profes sionels, auch as gymnasts cen make something extramely difficult (such as tripla somersault) look easy Likewish in faat month'a tutojral we saw how to make EasyCalc carry out complex computations and still keep the premonth well build on this technique in an effort to keep our convoluted forms and other numerical date looking simple

For this totanal we're going to use an invoice as an example. Most invoices have lows of items with the total displayed at the end of row At the bottom of involce there is normally a final total In EasyCale this set up is easy to recreete, all you have to do is use the SUM function and tally the results up However, while using the SUM may be simple, it won't leave our spreadsheet looking very unsightly 0 00 shown when no date is present. A more professional arrangement to heve the program figure out when no date is present and hide the worthless and untidy 0 00 from wew This is exactly what we're going to do here and similar techniques can be used in any spreadshaet where calculations are made on cells that don't always contain values and a tidy display is required, such as compeny accounts and club membership records.

This spreadsheet also shows how the powerful built-in functions of our cover disk can be used In this case we use the VAT function but you could change this to others as the nead auses. Several of the tutonal files supplied on the auginal uncompressed disk demonstrate the other functions evallable

Step one

We start off the apreadsheet by setting up a besic levout, this includes the company names Iwhom the invoice is from end to whom it is eddressed) and the relevant data such as a product code, description, quantity and item

Vicio Z. Br fee CU-Briga - Capyright # 1992-5 Hndre EXI MENERAL MENERAL MARKET Mesic Kinsdon, Inc The Coetle, Fairy Land Tinker Bell Entergetses The Bid Form Bertford 881 3000 Cope Beachiet ico Sty Price Tetel

the VAT end the total invoice tally. The totals will all be worked out for us by the program For now we're just interested in getting the formula and cell content right so we can bypess layout for the moment. The screen shot seen here shows where all the information needed will go, formetting and other peraphemalia will come latar

Step two

Step three Formula number 3 (right) shows

the power of EasyCalc's built in

This formula (merked 2 below right) takes the individual unit price (found in cell E17) and multiplies it by the number of units required (the quantity found in D17) then displays the result. However, if the invoice was blank, with no

items entered, this would display 0 in the column, making it look messy. This formula uses the IF function, checks if the result is less than 1 (se 0) and if it is returns a space, if not then it when the invoice is empty (so the total comes to 0) nothing is displayed making it look clean and tidy

Step four

Formule 4 is a combination of the first two formules it celculates the VAT then checks if the result is less than one, in which case a space is returned le tha " " bit If it's greatar. the VAT figure is recalculated and returned Once this is done copy cell F17 and Paste it Reletive (found under the Edit menu) into cells F18 to F23 Remember how lest month wa

functions. This formula goes in cell F24 and

didn't have the VAT function we'd need to mul-

palculates the VAT of the stams listed. If we

tiply the result by 17.5 and then divide the

result by 100, with a formula something like

=(@sum(F17/F23)*17.5)/100 as it is we just

need to add the VAT function to the front of

the SUM function and it will total the column up for us. However, like the Row Total

functions this leaves us with 0 in the VAT call

this the function in step 4 is used

when the spreadsheet is empty. To get around

-#IF(D17*E17<1), " ",D17*E17)

-FVAT(95UM(F17:F23))

-#IF(@VAT(#SUH(F17:F23))<1).* ".@VAT(#SUM(F17:F23)))

=IF(@SUM(F17:F24)<1," ".@SUM(F17:F24))

saw that the Belative Paste inserts the formula into the new cells changing the references in rt m the process, so D17°E17 becomes D18°E18 etc? This requicker thin retyping the formula again and again.

Step five

la 5 is the lest formula, thankfully! If you've followed the previous steps it should be pretty straightforward. Like the VAT calculation, before it tots up the total of the myolce, it checks if a number is below 1 and providing it Isn't it shows the enswer Notice how we've now extended the range to take into account the row totals AND the newly celculated VAT smount. As before if the result is less than 1 no figure is shown, rether the invisible space character This screen shot also shows the completed design and look of the invoice pretty smart for a couple of minutes work

Step six

Now we've got the formula in place we can stert to tidy up our spreadsheat's presentation. Firstly, centre vanous heading columns, and nght justify the company addresses. Next, select all the cells that will contain values, on this spreadsheet this is cells E17 to E23 and

F24 to F25, and change their formet to currency by clicking on the Edit, Format Currency menu. This will change any values seen inthese calls to be prefixed with a steiling charextra supplemental data, such as a data and Invoice reference

Step seven

The aproadsheet is now very nearly in place As can be seen, when we have an empty spreadsheet nothing shows in the laim - precisely the way we wanted it! However, it's not perticularly neat end doesn't really make use of EasyCalc's formatting capabilities. Highlight the first line of the Invoice form and change the background colour, then do the same for the total row I've also set the headings to Bold and changed some of the text colours both of these are done using the Edit Colour, Text and Background menus I've also used the Define Line tool to add boiders to the spreadsheet to make it look just that little bit smerter

Step eight

Ta dal The fmished spreadsheet, complete with all the attribute changes shown in stage

Let's get clever

Using EasyCale to handle invalces

seven. For the purpose of this screen shot I've also entered some typical data into the first two lines of the invoice. See how the total cells now show the results - when previously they were emptyl Now for a challenge. The formulae used

here have a problem - the invoice can't handle negative numbers inseded for discounts and refunds etc). You tell us the solution and we'll punt the answer in the Q&A pages next month. along with the name of the first person who sends in a spreadsheet that does it correctly

tutorials (don't all shout at once) but not the last of the help from CU Amiga Magazine for it If you have a problem with this application or any of our other utility cover disks for that metter drop our Q6A team a line

Please note these guenes will not be hanto CU Amiga Magazine, Pripry Court, 30-32 Fainngdon Lane, London EC1R 3AU Andy Leening.

Heel Simples, the The Castle, Fairy Lend 7s1: 01222 \$85661 mare Let Lan





Graphics Masterclass

lmage FX 2.6 special effects

Dig deep into those effects menus to discover a wealth of useful end ebstrect tricks within Image FX.

In the trouble with learning to use the snezzy new effects offered by today's giaphics software is that it can be had to avoid the trap of knocking out the same clored proting see severyone class. It's easy to see how it happens come big shot studie gats hold of new visual effect, hammers it in a suries of moves and muse cydoos then if fifted own to personal

computer users, where the activater menuals show how to excess to this game effects yet show how to excess the same effects yet just seen on the big screen. Morphing tutonels rarely use enrything but two foces for subjusted for arrely use enrything but two foces for subjusted for large stress in the same thrown all over protrues, like they're going out of fashlan (which they surely must be by now).

So now you're probably looking at the main

pottor hee and eaking what's as grandbeaking about his limit ent of psyndedie, what's so ongried that I can justify those safes menis about ties delicities and the properties of much the pottor ties as the rought shift of a the pottor ties and the properties of a right of the properties of the properties of the production to come up with mose off the well results. The idea of this month's Graphics determined the properties of the properties of the results are the properties of the properties of the descriptions to charge the properties of the the default settings and missing the properties of the default settings and missing the properties of the default settings and missing the properties of the the default settings and missing the properties of the pro

Radial stars

The mem picture created with Image FX 2.8, was made in two parts. The list was the background, which is a number of radial stars rendered on top of one enother, and the other part is the taxt which was processed end dropped over the top. In either more dated, here s how it was done.

A page (referred to in Image PX es a buffer) was set up with dimensions of 640 x 640 pp. els and the first of the stars was rendered With standard settings, the radial star normally comes out looking like a lens flere but in this case the number of points was increased to somewhere around 30 or 40, with the thickness level elso set to around 40. The idea was to make three stars, one vellow, one red and one blue, so with a red pen colour selected from the pelette. Diew Colour was selected from the radial star's Colour potron (meaning the ster would be drawn in the selected colour rether than white). The preview box can be used to test the settings. To get a perfectly centred star, the co-pidinates were entered as numbers in the Centre boxes (320 is helf 640. hence the centre point) instead of being placed by hand on the small preview window Once the first star was rendered, a vellow

per vas selected end the star effect chases again. This tree the Angle setting vas sitered so that the first prang (working blockwest was one that of the way between the first per ascord prangs of the orangs of the orangs ascord prangs of the orangs of the orangs ascord prangs of the orangs ascord prangs of the orangs as a discount of the prant. This electron the use and diameter of the hall as towed the promps so an uncless an thick diameter setting meen! that the soon shall own objects of the that of the first. When this had rendered, this produce that the sound hall own of the thing that the contract of contract of contract of contract of contract of contract contrac

Redial star is an 'additive' process because it's supposed to be simulating light, so where all the colours overlap you get white areas

Colour previews

The backdrop was nice enough, but to make a own more obcurred that Custom cover cheepe option was used from the Colour menu. This ellows you to site the colour's by diswing a freshind curve within the box the pops up. After simblely you can set the mode to sometime can be yet offer and what is smoother can be yet offer and what is smoother can be yet offer and what is smoother can be used to the the preview window set if much use her Unless the control panel screen is set up with



a vaned and colourful pelette, there are not enough colours to give a reasonable impression of how the colour change will affect the image You can improve this by sitering the Choose Screen Made selection from the Prefs panel, but you still may need to flesh

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out the pelette with a range of colours mixed by hend

Adding movement Making the text was leafly simple. Once the text had been entered and loaded from the text/font section it was pasted onto a space buffer screen, then processed with the Liquid effect from the Distort menu. In this case, only a subtle distortion was required to keep

the text legible but still imply some movement. The number of waves was set to three with a scaling of 20 (fhis defines the amount of deviation in the waves). The waves

themselves are generated by a 'rendom. seed" which can be changed by clicking the Randomise button If you don't like the flist set of wayes you get, randomise the

seed and take another pleview When you've got one that looks right select Okay and it will be applied to the picture or the brush,

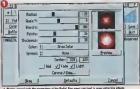
depending on which is selected in the area box on the mein control panel The next process was to add yet more

mellow movement to the text with the Motion Blui aption from the Convolve menu The preview window is misleading for this one, as it doesn't scale the blus length when it generates the thumbrail, making it look as

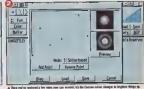
if your Imege will be blurred much more

then it ectuelly will. This text was bluried with a Length setting of 40 pixels. Finally the text was razzed up by picking it up as a brush (with euto-background detection turned on and then passed through the Felse Colour process. This was then pasted onto the previously prepared backdrop to form the finel image =

Tony Hergen



es of the Radial Blue panal con food to many attractive ellects



○ 3 362 CHID # Brush | Ba Color Con Load | Save Buffer B Prefs Quit (INDGEFX 1) Cancel

A The motion blor previous in case of those frame which case give minimating results.



Wired World



Pretty pictures on web sites are great but it's annoying if they take e long time to download. Here's how you cen get around this problem.



hara's e few techniques which when coupled with the excellent array of commercial and shareware graphics manipulation packages the Amiga has, will pay dividands on your WWW site For some examples of these and what they can do to make your WWW site look good without of using up too much memory or wasting time

Image Studio is one exemple of an extremaly useful package. The most attractive thing about Image Studio is that it has a GIF 89a saver built-m This is the format required to create essential transpayant GIFs. Image Studio can be found on last month's CUCD3 in the graphics drawer or on the Aminet (path ofs/conv.)

Unregistered the meximum image size you can use is limited but it's still enough for most applications. Remember, if you use it often you should register though

Any package which has responable colour reduction and scaling functions will be useful for creating protures for Web sites. On the commercial side of things Personal Paint 6 is module for PPaint available on Ammet which enables you to save out transparent GIF 89es

Small is best

The general rule for using images in HTML documents is to keep them as small as possible. It's a simple formula which dictates that images with less colours use less space and therefore take less time to download Another side effect is that images with less colours are more likely to look correct on Amiga browsels running on screens with less colours then the images in the browser A good rule of thumb is using 32 or 64 colours for GIFs where possible Remambar NOT to drither the image when recolourng, while this looks great in the package you're working on a browser fights for 'pens' to drsplay the image and the dithered patterns stand out and look extremely uply

Transparent GIFs require one colour from the palette ecross all of the parts of the pictura

Diction Section

A New's a pacture proposed to save out as a transparent BYESs in Image Storing. The krepts proses collect year about not to interfere a the origin of the image and it was it his nous in a brosenor.

which is to be transparent. The easiest way of doing this is to creete a new gaudy colour which doesn't exist in the picture and click on remap. Colour 0 would be a good rdes to retain compatibility with AWeb. Then save the mage, move to a paint package and point around the image with that colour it would be a good idea to make it a grey before say ing out so that the bigwsers which get it wrong won't look too horrible. Saving this out as a GIF 89a transparent, it should appear so in a browser Failing that, there's a PD program called GifTrans which will covert GIFs to transparent. You can find it in the Amenet path, gfx/conv/giftrans lhe

New techniques

Last month, we looked at using pictures as image links to other HTML documents. This works very well for many applications except where you may want to make your pages look spectacularly different. In order to do this the best bet is to create a picture of your entire graphics front and contaming many buttons or pretures of their own. Previously the trouble with using standard imaga links was that clicking on any part of the picture would send you to the same document

That was until so-called image Maps appeared as a HTML 3.0 draft and this has now been nearly universally accepted by browser authors. What these do is actually read off the position of the mouse where it clicks in an image. The values are normally then sent to a special service residing on the WWW server which decides, based on the mouse x,y positions, which

HTML document to go to Thrs is fairly popular on the Web at the moment but it has been superseded by an even better method which ean be used by anyone without access to the 'CG' binaries' which are necessary for Intage Maps, This new Image Map tuchrique is called Client Side Image Maps or CSIMs Both Voyage and IBrowse support this technique

and with a little bit of work you can create speciadulai web pages. What's more, CSIMs. are more efficient since only one picture will have to be downloaded and no addrtional talk out which page to ask for next, Presuming that we activate the CSIM with an IMG tag like so,

<TMG SRC="buttons.gif" USEMAP=" @buttonmap">

Next we need to define the map with the <MAP> tag which describes the regions MAP tag should match with the value in USEMAP except without the '# When the Imega mag as clicked on if the mouse match es one of the regions, it will go to the named

Here's an example to go with the above.

<HAP NAME="buttonmap">

CARRA SHAPES RECTS COORD8="0,0,99,49" grer-"button a .html" ALT- This is Sutton A">

<AREA SHAPE- RECT' COORDS="100, 8, 199, 49"



A lenge Mape con he meed to great offset by meeting brittensfishes modes year som graphic lenge on seaso bore on hilleft's also.

MREF="button_h.html" ALT="This is Button B">

</MAR>

0 11

wch

The attributes in the AREA tag need a little more explainable. The SHAPE attribute defines the perticular type of region, there are RECT, CRICLE and POLYGON shapes (see the

Get in shape Here's a more is-depth description of the three SHAPE commends;

Rect - The most simple sed most commoe AREA stributs. The Coordisetse simply seeded to be gives is e1,y1,x2,y2 where x1 sed y1 ere the top left coordisetse sed x2,y2 are the bettem right.

Circle - Coordisates are gives as centre x, cestre y set settle. If we wested to diffine a circle of resilue 19 (20 pixels ecross) is the middle of a 100 x 199 image, we'd use COORDS="49,49,19". Usfortusetsly, illrowse doese't support this SMAPE so it's probably best to estile for a RECT instead.

Polygos - This is a complex shape which can have say sumber of pairs of x,y coordinates;

avy1.x2.y2...x29y.20 etc. This is like using the polygos tool is epsist package, you can draw eroused as image precisely. The region is closed so matter if the lest pair are differant from the flext. A elimple exemple is a triesgle which could be CDOMDS = 20, 8.0, 46, 16, 16. This CDOMDS = 20, 8.0, 46, 16, 16. This complex SHAP fluestics. boxout below for more in-depth description of these). The COORDS attribute specifies the x.v locations of the shapes. The exect formet depends on whether you are using too left cixel is 0.0 so that if you were to define an entire area of a 100 x 100 rectangle it would be 0.0.99 99. The HREF ettribute specries the URL of the HTML document which that region will specify Also, if the regions overlap, the area specified first will get prionty. With this exemple we can see that if you clicked on the left-hand side of the picture within the 100 x 50 rectangle, the browser would go to was clicked on, button b html would be the destination document. The ALT tags are aspecially

usuful again with text based browsors (if enyone still uses such things) ence they'll get no links pritex; unless the ALT attributes ere inserted. You may like to even define siess that don't

do enything but would simply display the ALT string in this case, the NOHREF tag can be used insteed of HREF. You could move the mouse over a tiny signature on the bottom right and see the author's name at the bottom of the

browser for example

A tip for the creation of CSIMs is to open your test dotto in a pant package using a public screen. If your pent peckage shows the coordinates in the menu bis as you make around the periuse, it should be say to pick the right values to type into your KMAP- tag on the same science Another bit is to use the Fix to Gnif function of a pent peckage so that every coordinate is a multiplied rife prick?

so You can also paint boxes around the buttons atc and then simply move the mouse to them later to read of the coordinates. Make sure you don't save the image with the boxes drawn on it like shown here!

A bit of support

Finally, to cates for users of browsers which do not support CSIMs, the assists thing to distources or own of text buttons underneath the image. You can also make those browsers go off to a page if they click anywhere on the CSIM picture. Here's a complete example.

<ING SRC="ImageNap.gif" USENAF==@buttonmap"> <NAF>

<AREA SHAPE="RECT"
COORDS="0,0,58,49"
HREF="buta.html"> <AREA
SHAPE="RECT" COORDS="100,0,133,49"
HREF="butb.html"> </RAP></RAP>

Button A | Button B

Here all browses will see the image map. If the image map is clicked on the observations that doesn't support CSIM, they'll be sent to the CreoBrowsethmil Or the use of that browses et can click on the text links underneath Just secontly, an Arex scraft for image PX 20+ to create CSIM's appeared on Ammer, check it can't in the nath obscinnt MestimeseMee International CSIM's special or control of the control

Now you know all you need to know to make an amazing front and for your web pages so why not combine transparent GIFs and CSIMs? Or haytrace some buttons backdrops with elems-flare or two? The sky's the limit so until next time.

Mett Bettineon



A. Horn a literatus with an unample CSIO complete with source and create hiera. Eve left red beaus around the includio regions



Nest Good Speaks Supply and Damend. That encient edict has dictated global sconomies since the beginning of civilisation. Unfortunately it stops short where some Amige

is concerned. Yes it's reeched as far es Web browsers but that's shout it. The thrust of my rent this month is News clients, Meny but there's no doubt there's still great demand for e small, news package somewhat similar to YAM for E-meil. This is why so meny people held high hopes for MNews, Unfortunately though, MNews 1.0 proved that it really is application more buggy than Windoza.: Under normal circum-

wouldn't run it but the demend is such for e package like it, many are downloading it anywey. But wait! There is an elternative: our old friend Olli Wagner wa come of the precent facein.

by porting his
MicroDot News 'end'
E-mell package to MUI
and released es
MicroDot-II. So don't
despair net heads,
help is et hends,

Surf's up!

A new version of AWeb, more ebout tha CU Amiga Magazina mailing list and supply finally meets damend for a News slurpar ...



BlitterSoft does AWeb-tl

BirtterSoft ennounced they are now selling the AWeb-II bundle MUI-less AWeb-II browser itself now supports background megas, beckground/text/ink colours, image borders, centring end limited frame support. It's bundled with the HTML Heaven package which now also has support for HTML 3 2 tags Also included is the balliest FTPMount which ellows you to mount an FTP device to access FTP sites via Workbench, CLL a directory utrirty and obviously AWeb-II itself AWob-li uses HTTX to seve out HTML pages es text and e free update to AWeb-II is plenned at a later stage. Retailing for £29.95, call BlitterSoft on 01908 261477 or check out their URL on http://www.bhttersoft.co.uk for more details. Look out for a full review in the next issue of CU

Tag of Datatypes

Armgs Web browsers and such forth rely on CS 3.0° blathytes forth rely on CS 3.0° blathytes system leavely, which means most Armge owners need to matal is variety of datatypes to headle variety and such for matal is variety of datatypes to headle variety and such formats it now times and such formats it now times and such formats it now times and the company of th

the Aminet to download them, making it is One Stop Datatype Shop Drop mand check it out for yourself at http://www.execpc.com/~innuendo/amga/ox/datatypes

Pure Amiga Expends.

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If you're interested in helping out on the site, contact Russell Lewis on Rus@ferdon demon.co.uk or Phone +44 (01582) 614298 for more details

AmigaFCI list grows a FAQ

matured into an excellent support base for users of the CU Ameus/InternetFCI deal However now that it's run for several months, most of the common questions have already been enswered end so the business of creating an FAQ file to be regularly posted has been undertoken. If you're using internetFCI and you're not on the list, meil listserv@cu-emiga coluk with 'subscribe emigefor' in the bady noht away Anyone else wishing to contribute to the FACI should mail met@cu-amme coluk Support FAQs/Brbles on other software are evalable on the FTP site at ftp cu-amirae op uk/users/ cu-amiga/internetfol/

Incidentelly, this directory is also used for readers contributions to the CUCDs



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Masterclass



All is not whet it seems. Behind the 'Show All Files' option lies a hidden world of Workbench files ...

ve already examined tha majority of Workbench's visible icons, now wa'll take a look at those 'hiddan' filas which don't have icons Sp how do we saek out these mysterious files? First, to find them you've got get down to Shall laval or use the 'Show, All Files' Workbanch menu option, A grogram such as Directory Opus is vary usaful whan it comes to exploring Workbench like this, as it allows you to move from directory to directory and examine the contents with only one or two clicks of the mouse So let's see what we come up with .

C you see me



First the C directory. This is very important as it is where all the ArmigaDOS commands heng out Most of the commands you can type at the Shell are really unique programs and this is where they are stored. So, if you open a Shell window and enter.

cd c:

you'll have moved from that default directory to the C directory. You can than type

44-

to see a list of all the files present On older Workbench systems, the command cd' was stoled in this directory. Newer versions of the operating system, as used in Amiga 1200s for exemple, have this command and others built Into the OS Kickstart ROM. These commands are referred to as "feed dent". You can got a list of these resident commands by opening a shell and entang.

realdent

This commend will return a list of the built in commends. It is also possible to temporarily make other commands resident too. You do this by including thair full path and name after the commend, like this.

regident colist

Except this won't work end will term an airor message because the list command so't totally. Puie "yas, another complication. A Puia command is defined as one which is re-entrant and reexecutable in other words, it can be used again and again and several times at once without gaing wrong.

In Workbench 3 almost ell the commands which sis Pura hava already been made resident You can check by using the list command, and watching out for the 'p' flag appearing next to any filenames. However, you can force a command to be made



A. To get a flet of all the flips propert on your Ansign, oil you have to do in type alls in the C directory

resident in most cases this won't be a dangerous thing but be awara of the potential for clashing if you multitask or run critical softwere such as a bullatin board for example. To force a command to

become resident, no matter what use the Pure option, like this

ramident colimt pure

This makes a command resident and states that you are

Entraction (Scotter to)

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visual Control (See 10

A. The pourch is on for those Pore comments which can be used open abs sque

You might be wondering how a command like 'dir' can be executed when you aren't already in the directory in which it is stored. For exemple how come when you open a shall you can enter 'dir' no metter if the default directory is Workbench or Ram. You might have thought it would be necessary to include a full path, like this

od ram: o:dir

However, a full path to the command is not needed, so this will work just as well

od rem: dir

A special command called 'Path' makes this possible. If you look In the startup-sequence you'll spot the rather heavy duty line

Path >BIL: RAM: C: SYS:Utilities SYS:Report SYS:System S: STS:Prefs SYS:NBStertup SYS:Tools SYA: Tools/Commodities

This command sets up the paths which the operating system follows when it encounters a command. When you enter an instruction such as 'da', the operating system first looks in the current directory (this is the default action), It then looks in 'RAM' then 'C.' then 'sys.utilities' and so on,

Before you ask, the Peth commend itself is a resident command and so it doesn't matter where it is stored

S xpress

The S directory is where Scripta are kept or at least that was the resident in the first place? Speed quantal Intention, it's where you will find the startup-sequence file and the user-etertup script

to spend most of the time treck-A good example is the startupseveral non-Pure commands to be resident in the quest for more speed Look out for the line

Resident >NIL: C:Assign PURE

prepared to risk the consequences whetever they may be

It can make long AmigaDOS

acopts a lot faster if the Operating System doesn't need

But why make a command

and check to see why the commend doesn't remein resident after the script has ended Resident commends elso take up less memon than commands held, for example in the RAM disk. No motter how many times the command is executed only one instance of it

is used at a time Here's a neef little trick As resident needs the full path to a command, you can make use of the which' command to discover it. You can combine the 'which' command with the resident operating using the 'tick' Ipress the ordinary ' key whilst holding down ALT) to get something like this

resident 'which list' pure

When you switch off the Armga, the reardent commands which you've created will be lost However efter many years of use, my Amige has emassed a staggering collection of junk in this directory as many programs have kindly Installed useful

For example, The Art Department has left many files here (mostly in the form of Affect programs) and so have Spot, Mosaic and Cygnus Ed Scopts don't take up a great deal of space, and so on a hard drive system there is little to be gained know - some day they might be

needed A script is simply a text file containing AmigaDOS commends You can write your own script using an text editor, including Ed the standerd AmigaDOS editor Simply edd a list of the com-

mands you wish to be used Using the script can be done in two ways First of all you can either use the 'execute'

Filename Filesize

Flags

A. Whon you use the list commune you can call up and boop an ups on the flags accordated with post Ma

AmigeDOS commend like this execute sumy-script

Or you can ofter one of the file's flacs (special switches to tell the OS how to deal with the file - like 'Pure' for exemple) to define it as a script. If it's defined as a script, you only need to enter the name

by itself, like this my-script

Here is how you would after the flag to make an ordinery text file into a script

protect sumy-script +8

An ARexx script is slightly different in that it cannot be executed with the Execute command. It's not a list of AmigeDOS commends, but a program written in the ARexx language (see previous Mesterclass tutoriels).

Using List you can check on the vanous flags associated with each file. You will might have less files then I have you probably take more care to keep your hard disk tidy than I dol

Lib labs

The libs drawer in the default location for eny Arnigs libranes A

contains venous sub-routines. By storing the routines in a library, thay are available to other proconies of the same program

Amiga will contain a selection of libraries, including maths routines and ARexx code. After a while the directory will be stuffed with libranes es program efter program

adds its own joutnes to the list. If you have deleted an unwanted application, have a quick look here to see if it has left a library Before you delete it for good rename it and check if any other programs are making use of it Case closed The mystery of the hidden files is solved |

John Kennedy

FAQ

Frequently Asked Questions

Why buy a PC or a Mac when you cen get the software to run on your Amige? it's true. Here's eli you need to know ...

■ Q. How do I run PC softwere on my Amige?

■ A. Erist make suite you really need to un PC Software and not up to eccess date which ongrated on a PC. The Amigin has lots of word processors, spreadhests and image processing programs which can deal with data stored in types! PC Direct* it be not read double-damanty floopy disks in MSDOS formet using CrossDOS and larger files can be awopped with removable media or serial limits.

Q. No, I really need to run PC software.

■ A. OK, grumpy In that case you need a PC emuletor. This is a program which allows the Amige to run softwere designed to run of twee designed to run on Intel and competible processors. There are two, PC Task lebout to be released in version 41 end EmpleritPC They are both software emulators, herdware ormulators, bardware ormulators, bardware ormulators.

■ Q. And Windowe?

■ A. Yes PC Task can run Windows Version 3 will run Windows 3.1 and earlier incernations, version 4 is promised to ormulate 488 processors and so will run Windows 95 Don't expect Windows to run very fast though active

■ Q. And PC hardware?

A. PC Task will support most

CD-ROM drives. In an A1200 thate is no wey to fit PC heid-ware, sthought if you have an A2000, A3000 or A4000 or place of herdware celled the Golden-Gate III card will ellow some PC hardware to be connected. Supported heid-ware encludes notwork cards and IDE interfaces. Sound and video cards are not supported to supported bed-ware motudes.

■ Q. And PC gemes?

■ A. Don't expect to be able to pley any recent games. You might be able to get them to load but they will run so slowly as to be unplayable. Even Wolfenstein 3D, the great grandfather of PC games, is too slow on an 88040 Wan Errome A4000

PQ. Why is it so slow?

■ A. It's allow because the emiliation is software based The PC software is running on two lewels fisted oil, it's executing its own instructions but it's also murring on top of a program which emiliates the PC processor and herdware Emulstos such as PC lisad are very impressive technical and the PC processor and herdware the processor in the PC processor and herdware the processor in the PC processor and herdware the processor in the PC processor and herdware PC processor in the PC processor in the

Q. What shout the Sigmese system then?

A, It's not really an emulator.

It's an Arriga linked to a real, live PC in e separate box. The Arriga and the PC share the same SCSI hard drive, keyboard, mouse and monitor. The Arriga is able to trgge programs running on the PC sade and so it can espece that the Arriga is running PC software.

■ Q. What about Apple softwere on my Amigs?

■ A. Again, check to see if you only need to eccess the date rather than run original Again applications. The Apple can spale to MSDOS format disks which the Amiga and read There is also Amiga softwere everlability to left it read Apple-format floppy end hard disk drives.

■ Q. No, I told you, I must run Apple software.

A. You need an emulator There are two good ones ShapeShifter (a sherewere program) and Emplent (a commercial product) ShepeShifter is software only. Emplant is a software/hardwere combination. The hardware side of Emplant is a Zorro card which offers Apple-standerd interfeces such as SCSI and networking (AppleTalk). Recently it was announced that Emplant was also to be released in softwere-only form for A1200 and maybe other Amiga models. Both emulations require that you have a suitable ROM Image, as this has the core Apple operating system softwere

■ Q. Where can I get the ROM Imags?

■ A. The ROM Imaga is copynight Apple so legally you must own the ROM in order to heve the image. Normally this means owning an Apple computer and it's a relatively straightforward task to copy the RDM from a real Apple and RDM from a real Apple and RDMy for the Amage to load Owning an Apple in order to amulate an Apple a so bit dist, so many people buy the RDMs by themselves – the Emplant hardware earn meles use of them Buyung Apple RDM by themselves – but seen of them Buyung Apple RDMs by themselves just leasy Bittle SDI. distributions of Emplant, should be able to help you back them down That said, many apople obtain the image we electronic networks such as the internal such as the size of the RDM seen and the size of the RDM seen and the size of the RDM seen and the RDM seen

■ Q. As for Mec gemes?

III AA at the Appie Mec (non-PowerPC based Appies, that is share the area Motorole processor, Appie emulsions run Mec opamss at about the same speed as genume Appies. The mem bottlanecks are disk access and organics speed. If you provide the emulsion with an entire disk partion this speed up access and if you use back and writing eighthus only of the 2 American Service and only of the 2 American Service and Applies, it also helps if you have at least 8Pbit of TRU.

■ Q. And Mac hardware?

■ A. The Emplent emuletion hardware includes a SCSI miterface and Apple Talk deeptors. It's the best way to use Apple hard ware All emuletors can also make use of any Amige SCSI Interfaces which means hard drives and CD-

Q. What other computers can I emulate?

■ A. There are emulators for the ZXSpectrum, Amstrad CPC and Commodore54 available amongst others. Most people use them to play old gemes. ■ John Kennedy

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fits mto a pigeonhole, but anything you like (its in hare.



Doctor Horgen and Nursa Bettinson answer your queries on digital movies, web pages and herd drives. Send your tachnical quastions to Q&A, CU Amiga Megazine, Priory Court, 30-32 Ferringdon Lana, London EC1R 3AU.



Ah, yes what we have here is a classic case of problema solvous easyus. Let's get the patient to theatre now.



Please carry on doctor, I'm just off to get one of those lovely nurses in the tight uniforms to assist me ...

Digital movies



a 68030 processor, 16Mb RAM and a CD-ROM, I would like to to watch the digital movies that Special Reserve are selling Though I've heard that the Arraga cannot do this is this true? If yes, what are you going to do to get tham on to the Amiga?

Adam Lowton, Cape Town, South Africa

You need extra hardware to view digital movies stored on the CD-ROMs. On the CD32 this hardware was provided by the FMV expansion card. However, no one has yet come up with a way of providing this extra hardware capacity for Amies 1200 CD drives. Several developers are working on it though and hapefully something will come along soon One such example is HiSaft's farthcoming Squirrel MPEG. As to why we haven't done anything, CU Amigo is a magazine not the monufacturer, although we can - with your help - put pressure on monufacturers (like our campuign to convince VIScorp to produce the Amiga again) but we can da little more.

Better graphics



Amigs 500, a Canon Bubble Jet

printer and a Scannar Howayar, I em getting fed up with all the lit-Incredibly naff especially when you compare it to what PCs can ing for a PC, is there any software that can produce output on the Armas like TrueType fonts on PCs? At the moment I can only usa five UNSCALABLE fonts on my printer, please help me!

Kevin Tasker, Cheem.

The problem you have is twafold. Firstly, the graphics files you are printing are suffering from squares because the resolution they are created in ion't high enough. When they are printed at a larger size they have to be stretched, with each do! in the picture covering more space than it was latended to, thus the result is very blocky looking.

The way around this is to work on pictures that have a higher resolutian, for which you'll need mare complex software, something like Phatoreaics or imageFA. As for the second problem

revarding fants, this isn't the fault of your Amina but one of ane Modern Amino's, like madern PCs. support scalable fonts and will print such fonts just as good as any PC can magaze. With an undated Amies and correct software van can even use PC True Type fants. However, the Amies 500 was released before scalable fants were developed and as such it con't haudle them, or if it does they're very, very slow, itst as a 10 year old PC would be unable to handle them. If you want scalable fonts ar if

you want to ran the two graphics applications mentioned earlier get on A1200. If you do, you'll probably want to check out Monic Publisher CD-Rom which contains loads of scalable faats in Postscript and True Type formats (GTI tel: 49 6171 #5937) or the WS Fonts CD (Active Saftware 01325 3522601.

Be my slave As a reader and ovar two years I find your questions and answers section very inter-

through all my old mags I cannot Please help! I recantly upgraded my A1200 with a 40Mb herd drive to a 350Mb herd driva. I would like to know if it is possible to connect my old hard drive so I can download some of the information on it I am sure I cannot be the only parson that would like this information, so I hope you can help.

P. V Brown Saaford, Fast Sussex.

Hmmm, I'm sure we've covered this before but the customer is always right so here goes.

Hard drives in the Amiga 1200 are connected using what's kaawn as an IDE interface and this allows two drives to be attached at once. You should find some tiny switches or jamper settings on the drives with instructions on the settings to make them the master and stove drives - a way of telling the units which is the first and second drive to be used by the trusts Amiga

Naw get hold of an IDE cable with two connectors an it (most hardware advertisers in CU Amiga Magazine should be able to help you out). Set your old drive to be the

tleve, cannect them both up and you'll be able to copy files across to your heart's content. In practice it still may not work, it's very dependant on the types of drives involved and whether you can find the right jumpers and what they and to be changed to.

Late starter



Rather late In life ! have acquired my first computer, en Amian A500+ with a 40Mb hard

drive its internal workings ere a complete mystery to me but generally speaking I find it relatively easy to use it to supply Information locally and as I have bought a colour printer, I would like to use my Amiga for producing more interesting and professionel documents, posters,

programs, newsletters atc. I need up-to-date peint, DTP and word processing programs but without advice I don't know Which to buy Can you help? Brief information on also art would also

be helpful Like, what is it?! Sylvia Lintott, Nailsea. North Somerest.

Welcome to the 4miga and das't worry about your age, we all have to start sametime. As for which programs to get, this really depends uson what you went to do and how much von're willing to fark out. However, there are a few good general programs that you can start

For a good word processor with the ability to metade pictures in documents take a look at Final Capy 11 (Softwood Publishing 01773 521606). To create and temper with

pietures check out XiPaint (First Computer 0113 231944) As for clip art these are collections of ready drawn and painted pictures that you can use in your documents. Keep your eye on our PD Utilitles section for regular

reviews of chp art disks.



ducing such a great magazine are really good

and I've been following them to create my own web pages However, I'm having problems getting pictures into my web documents Can you suggest what's going wrong,, I'm using

nothing appears when I try the

Lastly, have you any tips for creating good web pages? Mine don't look anywhere near as good as yours

Tine Simon, Shapehed.

Ah, a little crawling will get you everywhere. Your image problem is very simple - the HTML (ag you are using requires that the so-eatled attribute 'SRC' rats the path of the sic ure. An entire example would be something like «IMG SRC="pic-

fare name">. As for creating good web pages: keep the graphics pictures small in terms of size + no one wants to wait ages while pictures download. Also, clearly identify what is a link and what's an Illustration, keep the amount of faxt reasonable (who wants to read loads of text on a monitor?) and remember to krep the web page to 256 culones visible on a 640x480 resolution - this being the sereen size the majority of web users

will see your page in. Finally, some 30 per cent of surfers turn off the graphics viewing capability in their browsers to save download time to use the ALT attribute to tell them what the pie-

This and much more is covered In the Wired World Intorials so be sure to stay tuned.

Which upgrade? I am writing to esk your edvice on



Workbench 13 and I am In dire need to upgrade Should I go for a second-hand A1200 and upgrade it with a hard drive, CD-ROM, tower unit end Pawer PC upgrade board (which phase 5 are said to release), or should I west until the next gener-

ation Amiga is released? Which one would work out cheaper, and which would be the most powerful (in your opinion)? I don't want the Amige to

flounder, and for me to end up worse off (in technology terms) so I would like you to point me in the nght direction.

Robin Savaga, Lincoln.

Uatil ony new Amiga computibles uppear, a second hand (good candition) A1200 is a good option at the moment for the best power and price combination (possibly one that already has a RAM and averlerator

Readers corner I wanted to answer the QBA letter from Tim Graver



PC. A softwere emulator has been developed, running Workbench 1.3 called it is software only end allows for hard disk files. Amige floppies must be converted to a life which is readable on a PC, Armon disks are not directly readable by a PC it ran at a reasonable speed on a Pentlum 120. The emulator can be found in comp sys.amiga emulations on usenet. As for me I'll keep my Arnigs and emulate them both! Also, I have an A-Max web site to

out over here. Do you know envone who would house it?

of Suffolk (August '96) ebout Amigs emulation on a

Reginald Cross, RAF, Lakenheath.

A second letter



In response to Tim Grevers' letter regarding Arriga emulation on the PC you said that this was impossible and that none exist. This is not true, We sell en emulator for this very purpose it is on a CD called "Emulators Unlimited" which contains many emulators for both the PC and the Amiga including one for the PC that emulates an Amiga. This CD is priced at £18.95 and is a stock item

First Computer Centre, tel: 0113 231944.

OK, fair and square, we missed this one - her we can't be perfect! There is indeed an Amira emulator for PCs ovailable from various news groups or First Computer Centre if you don't have Internet access. It's called UAE, originally standing for Unusable Amiga Emulator (as it was too tlow) later changing to Unix Amigs Emulator (it was originally written for Unix computers). As Reginald points out it's not directly compatible with Amiga disks so you'll need to convert software over to PC floppies first. In wractice the UAE is too slow to be of much more than a Toy even on the 100+ Mhz Pentium PCs.

Next month we should some more details on it if we see how well the Amigu emulates a PC with PC Task 486 and how well a PC emulates an Amiga.

upprade card). You can then take your pick from the many expansion ontions, of which the towers ore generally the best if you want to add a range of extrus to the machine.

Monitor mad

Plymouth wouldn't help as it

"Wasn't for a PC" Escom said



I have recently bought a Hyundai CG monitor but I am having terrible difficulties in finding the proper adeptor to connect it to my A1200 The monitor has a male 9pin connector PC World In

Commodore monitor would work with the A1200 and Silica tried to sell ma e SCART connector Cen you help?

P. D. Hopwood, Torpoint, Cornwall.

that only a dadicated

There's nothing better thon o quick latter that has a quick naswer to bow out on and this is just that. What you need is a Amiga in

VGA monitor cohie and the friendly guys at First Computer will be able to sort you one and pretty sharpish, just give them a call on 9313 331944.

Send your OSA problems to ...
You can send your technical problems (or answers - Ed)
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Emelt of Afficial Representation that we can't respond to yeaders' questions by post or over the phone. Please do not include a stamped addressed envelope with your letters as we esimply don't have time to answer the thousands we receive. Responses are unity available through the pages of this magazi.

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Points of view

The Killing Disk



6 Some would say it was lucky that my editor disk was damaged ... cynics might even invent a conspiracy theory.

By Alen Dykes

I really like Team 17 the company has been good for the Amige, there are a lot people of integrity and talent working them and favor on the same of some

light refreahment in The Commercial lithe put up the road fatter a game or 12 of Worms. Most of all though, they ve produced some too quiely Amiga software which most of you, and destartly! have enjoyed. So it was all the more despporinting to find out that at their proudest moment, when they had findly finished the most advanced gime of its land on Amiga, they meksed up by the finished hangs, they meksed up by the finished hangs.

Amps, they melsoid up big time.
As some of you will already they be found out there was a problem with the address dark for the Kelling Grounds and the address dark for the Kelling Grounds and the address dark for dark was been tend for dark was unsettling to the address dark for t

review this month. However, when I asked for another disk. I was taled that it would be difficult because, well, it dich't work. This was confirmed when, in the following days, is multitude of phone calls cerne in and the IRCs begain buzing with nove; that people who had bought the game could not get the oddition of which would shall be with was the option when the part was the property who was the property when the property was the property who was the property when the property was the property who was the property who was the property who was the property when the property was the property who was the proper

Lucky for Tiem 17 that my exitor disk weak changed —I fill be found out which is changed —I fill be found out which we may be garner that the first, shop bound reason of the software years useless. I would have weighted that in the soons. Cymar maght were never to conspire theory Let me essure your that the soons could cely him egic per up rather than down. The marks I gave TSC were based on the garner slore. It is still worth the money by seaf The editor is a fill allows an alloquely useful fill which could make make vector!

Intown I haven't seen it.
That's not the point though. Heving idecided to put the disk in the box they should have managed to get at wedning before it went on sale. I'm not sure who's responsible for CC on mester disks but they must have been on the been in The Commerced when they should have been doing their pb for this to happen Tellam. The recruitation are supposed of quality.

acftware has taken a dent.

the product's life. But hey, how would I

I believe Martyn Brown blew his top when he heard about this, and rightly so. There will be a patch to fix the problem evaluate from Team 17 soon, but it's gollys to take perfect production of Andy Devidson's Worms AGA to fully restore faith #

Up in smoke



III Tony Harges or DF Assign Management Sepheral February

By Tony Horgan
I took a phone call at the office some
time ago from someone who wanted

of if the 'cheap' mentality of some users infiltrates the Amiga scene much more it could all go up in smoke ...

to get set up for World Wide Web access from his Arryan, Fina, I thought, and directed the celler to our July '96 issue which came with a book all about the subject some sterier softwars and an offer of a free trial period from an Internet service provider problem solved, it would seem, and all for the once of a back issue. Wrong You see the aslong price of £5,99 (including p+p) was apparently too high for such a package, even though it was a complete solution to the caller's needs. Perhaps the caller was on low income or otherwise financially under-andowad? Not likely, as it was diapped into the conversation that a Playstation and a Sega Saturn had been recent purchases

Another completed came from e reader being 'conned' by Saptamber's coviel mounted CD-ROM. Not content with 540Mb of quelty software, licituding a filly functioning critically acciliented commercial graphics package (Vista Lire 3.0), they claimed that the two audio tracks on the CD were fillers. The first is a combined showcase and contest prize for the bisst

music module sent in from the readership (Tune of the Month on a CD), while the second is an exclusive uct from that issue, the entirely innovetiva OctaMED SoundStudio, Why do people react like this? I'm sorry but nothing is absolutely free and we have got to try to keep everybody happy there were many who loved the eudio. tracks and putting them on was certainly more innovative than what we could have put on. How much money would you normally pay for an Amiga. CD? How much money would you not mally pay for a book on intainet access? Some people should recog-

nise good value whan they see it Fortunethly there are plently of Armga users willing to put their money where their mouth is – end they don't have to spend much after all. Without them the Arniga market would not have survived the lisst two years, and I am yery careful for that.

But if the 'cheep' mentality of some users infiltrates the Amiga scene much more it could all go up in smoke faster than you think

The changing face of Amiga

By Alen Bunker

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udio

Inevitably, my recent articles on the Amige scene throughout Europe pro vaked a large response. While some praised the work, comments and opinions, others were somewhat upset at the appearnt findings, evan critical of the lack of full-blown invastigative work saying, therefore, that any comments were not particularly

ferr or reflective of the bigger picture Firstly, let me lay to rest the letter opinion. Unfortunetally, elthough I would be guite happy to write the whole magezine for Mr Dykes and in turn sand my Bank Manager into early retirement, I was only allocated a small proportion of CU Amiga m which to explore the breadth of the European continent And rightly so for CU has a lot more to offer then just

However, this in itself is limiting so I took the decision to chet to one or two informed Amige users in each of the major terntorias (mainly competent Amige journalists) to a detailed, honest comion. Whether or not you liked what they said is really not my problem but I think they would know

their own market much better then most, don't vou?

The face of the Amina is rapidly changing - games development is almost at a standstill in complete contrest to five years ego. On the other hand, the strength of the mechina aa far es sarious applications go remeins solid. I had the pleasure of working for two years at Taam17 Softweia, leaving in November 1995 And I can tall you that even though software development, they still use

Amide herdwere end softwere to produce tentastic rendered FMV sequences for use in their PC and next-gen console titles. Of course. they are not alone in this. The point being that the Amrga

was once the only depent games mechine. But while we were busy pleying the likes of Kick Off. Project-X and Syndloate, there ware three things happening which would reshape the face of home entertainment.

One - the mighty US of A was busy Installing PCs Into every home and workplace.

66 [The Amiga's] place in the world is now that of a high spec, specialist computer suitable for serious applications.

Two - the mighty Japanesa ware developing cheap but powerful 16-bit and 32-bit gemes consoles

Three - the not so mighty Commodore collapsed and Amlae development died

As a result, you have to accept two things One - the Amiga has a much diminished place as a gamas machine Two - its place in the world is now that of a high spec, specialist computer suitable for senous applications and the more senous end of tha merket. The face of the Amica has chenged but not necessarily for the " worst. So deal with it, and get the most out of rt. This was the underly ing messege in the Euro articles but, es usuel, e number ot people have letched onto the negative comments and connetations bacause doom and gloom is much more assier to maintem then happiness and optimism .

IN Also Souker In a Product journalist and arotechile PE manager of Years 17 Software.

To be A1200 or not to be ...



by Lise Colline

Tomer Homer's points of view in September's issue has whipped up a storm of protest from some software companies. This month in the course of researching a new senes on where to get Amiga software, a valiaty of software companies had a tew things to say about Tom's declaration that "If softwere houses continue to write gemes to: the A500 we will get nowhere and stev there " Some of the responses to this were not printable but the gist of the argument ran that companies such as Alternative and

Guildhall Leisure cannot efford to stop producing all Amiga games and move onto AGA only varsions because the A500 varaions of their games fai outsell AGA only versions it a a catch 22 situation for companies who are expenencing this. On they reduce the quality of their games drastically acthat they run on all Amigas or Indeed do they avoid gemas at all that won't run on all Amigas altogether?

Getting games to run on all Amiges with 1Mb is a difficult process and the more advanced the game the less likely it will appear at all if it has to run on all Amities Alternative's Pro Rugby geme looks great so far on the PC but it may never make it to the Areiga if it cannot be ported across to run on all Amigas without losing the essence of the game. They feel it sust isn't commarcial

ly viable to produce an AGA only ver sion which it could be easily ported ecross to. Alternative are not making this decision on a whim they've looked et seles figures and have seen that when they produced a geme. Tracksuit Managai, tor example the A500 version of the game has far outsold the A1200 version. Guildhall Lessure have also expenenced the same phenomena

The explanation for all Amaga games outselling A1200 only versions is a bit of a mystery given that the majority of active Amiga owners now own an A1200. There are a few pleusible explanations though it could well be that A1200 owners buy the all Amiga varsion rether than wait on the

AGA version to be released leter which is normally the case Or it could be that some new owners are a bit unsure about the capabilities of their new A1200 and ari on the side of cautron by choosing

Some new owners may be a bit unsure about the capabilities of their new Amiga and err on the side of caution.

an all Amigas version of a game which they know will datinitely work on their machine. It could also be that some compenies such as Alternative and Guildhall could be selling to an area that is dominated

Whatavai the reason, let's hope that this will not become a trend amongst all software houses. Thate are lots of sales to be had from producing a top quality gama that utilises the full capabilities of

Heaven help us if the makers of to produce their game because it wouldn't run on all Amigas Where would be then?■

III Line Colline In CV Ausge Monazone y Dometr Editor.

Backchat

Not to be left out, Spain puts their side of the Amiga story forward, Robert Wilson's letter causes e bulge in the response mailbeg end our Sava the Amiga campeign Impresses the populous. Send your views to beckchet now.

Here, here

I read the latter of the month in the July issue, from Ban Planergon end for the most part I from Ban Planergon end for the most part I support the latter of the software I have for my Ampa, are cover mounted dissis from values Ampa meganiss end if these software pickages didn't spiper on your cover disks, then I jusses I would be only a control of the latter of t

left my Amiga long ago and bought # PC.
Being in a pert time, low income job I can't
afford to buy most of the sellous software
aveilable and so cover mounting vanous softwere applications that can equal the best that

Cover mounting games is also a billiant idea and I eoplaud Mr Pennington on his wise comments Maybe CU Amiga can cover mount the oldes cleaser software from years ago, like Chase HQ, Arkanoie Captain Blood and Crazy Cers, Leart see how releasing these games.

leader in the home computer market Long live the Amige Christopher Nell Hindley, Flintehire.

Taking action

For over 12 months I have been wondering if I should upgrade my standard Arriage A1200 Arguments agenst upgrading, the Arriaga melket in very shally position, price, support/back-up, software Arguments for upgrading familiarity with the Arriags. ViScorp could be the light at the end of the tunnel, load of PD software end some new games appearing

on your disk at his time could possibly hurt the

made me realise how big the Amiga user/fan hase is and what a huge emount of people

still remain loyal to the Amiga - even after the onslaught of PC and console advertising

and hype. It makes me feel proud to be an Arriga user I hope VIScorp get their act

together and that we get new Amigas soon. I also hope that they don't do an Escom on us

and leave us high and dry or dump us on the

second chance and I know it can be a world

Amge software industry
Your Euroscene feeture was excellent it

In the end ideacted to stack with the Amaga inter looked is some PcS. I rang Pc Power form power and bought myself is Vipes Bo with 80th and while I was on the phone I ordered a qued spied CD-ROM Sq. for those out there is the mt. dort heasted any longer — on ehead The Improvement in my system is phenoment end the amount of software available to me is never ending. While you sit there and think the Amaga could sink

Grahem Wood, Northwich.

Wall done Graham, lat's hope your inspiration to anyone out there who is thinking about upgrading.

Never been better

I've been an Amage fan nove for about 5x vens i'm proud o'n ye et up and will remain toyal to the computer that has enabled me to as creative and has green me as much entertainment and plessure throughout the years I venturead the and denies of Commodore and I was fally disappointed with remain and the same of the same into the same int

Letter of the Month

All pulling together
In the set of territarily rin't it note to see companies who care about the
In the set of territarily rin't it note to see companies who care about the
In the set of territarily rings and the best in garding apperlance? I refer you
course, to the dains of freed by Phes 5. Team 170/zeen end Gordon Herry
Computers. Using the aupport Alien Breed 501 - The Killing Grounds as beit;
these companies must have does more for Amige sales then amybody in the
years. Coming at a time when SMMM prices are at an all time low and still
Gilling, the Nervockoe Billizard delsa an the ideal incentive, to upgrade.

As everyons will be ever, we have had a long anslous wait for the eforementioning elements, but selfer the weak those awdithy nice chaps at Governharvoods unded my ansistry - ABSDI-TKG was e reality, Well, was it worth the wait? The gener looks superful servicely who was we had to Clover disks and the service of the state of the control of the service of the s

I, probably like averyone size who has the game, would like to start designing my own levels as soon as processible and with the leave arise of uttorials to show us how it's done? The no-line documentation, although seemlogly thorough, is a bit hard to follow are not seen to follow and are not sold to the polar and are one of the major reasons. I buy CU Amiga Megazina.



Paul Buxton, Derby.

THE FAR SIDE

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TIBIT

rige.



and future capabilities and they will be committed to making the Amige the ultimate in home entertainment VIScorp's press conferences heve bean opan and positive - my own confidence in the future of the Amige has never been greater

It doesn't take too much imagination to realise the potential of the set top box Amige Full world wide wab sarvice, multi-player net video phoning and much more

From the sfert VIScorp have shown a great interest in talking to second party developars of the Amras exploring the possibilities of incorporating RISC processors or even the power PC chip. We Amigens can now look forward to e bright future with VIScorp which I believe will pave the way for a new era of home computing with the Amigs at the fore-

Nigal Brook, Barkshira.

For the cause

I would like to congratulate your magazine on being the first to actuelly do something about the situation with the Amige rather then just complain about it like other magazines. I bought the August Issue primerly for the letter to VIScorp. I would like you to see what I wrote for further comments

Escorr's plans for the Amige were to raplace the old custom chips with an off-the shelf graphics board. While this would have some benafits may I say that following this routs would take away the Amige's ability to be so good at video, not to mention its excellent briplime capabilities which incidentally now appear to be able to handle 'Doom' Notice how I did not complain that it would

not be an Amiga eny more, unlike many others. A computer is defined by how it works not how meny colours it can show at once, so as long as it has Workbanch I'm happy

However, it would be a shame to lose the custom hardwara which, et least, from e

programmar's point of view mekes it such a joy to use if enyone feels like telling me that the Amige cennof do Doom Clones ell that affectively, then may I remind them that a PC requires a 486, stacks of RAM, a hard drive end e graphics board to do a 1x1 pixel. smoothly running game. To do the same on the Amiga needs only a few mags of RAM. This is due to the custom chips so let's not

Adem Shaller, Kent

Spain steps in

I am a bit annoyed with your magazine I read the Euroscene feature in August '96 where at the end of the erticle you said that the reason Spain didn't appear was that the author couldn't understand enyone that you spoke to mind We are not lazy or stupid. Spanish people are Europeans like all the others covered in the article and we have our right to say as well as the others covered in the article. So we have to be respected in the same way as Frence, Germeny, Italy, Slovekia or Poland.

wanf to provide the information that you didn't get Onginelly, in Spain, the Amiga didn't make e great impact but the benefits were enough. to keep the Amige going and in the space of two years it became the number one gemes and graphics mechine From 1992 however, the PC became the more attractive option and the Amiga lost the bettle. The demise of Commodore killed off the old Amlga in Spain with PD and damoscene softweee remaining

Anyway I don't want any applicates I just

After the Commodore takeover, the Arriga Technologies' official distributor was PIXELmadia but due the problems with ViScorp and Escorn, the distributor changed (now AmigaTEK).

Amore INFO is not the only magezine in Spain covering Amines as other medazines such as SuperJuegos, dedicate two-four

in the country

peges a month to the Amige The Amige never sold well hare but there is a good Amiga community (Amiga clubs, Demoscene festivels, BBSes etcl and the A1200 has become the most important Amiga

I think PowerAmiges are the way forward. If they were to be released here they would be a success. The PC is popular here but thanks to the superior Arrige OS, the PC could be dramatically erased from the Spanish computer market - the only advantages the PC has over the Amice are its price and processor and the PowerAmines will be made to beat the PC exactly in these two sreas

Fmally. Amiga does not exectly mean altifriend in Spenish Yes the word means friend but a female friend (amiga for women, amigos for men). Novia transfetes es girlfnand in Spanish.

Francisco Rincón, Mellorce, Spaln.

Thanks for that information about the situation in Spain and applopies to any Spanish people who may have been offended by the article.

The debate rages on Robert Wilsen's letter (Ayoust 36) sparked a flood of response from our readers. Here are some of the letters that we received

Re: Robert Wilson's fatter (August 96) where he compleins that the tutorials are too seay. I recently purchesed an Amiga S00 plus for my daughtere (four end six) end myself. I was ennoyed at the arrogent tone of his latter. Suraly he cen understand that your magazine caters for the needs of all ege groups and differing abilities and not just the super Intalligent univareity hechara.

My sight year old daughter and I both read your megazine because you heve almed the contents at all agea/abilities she can understand and follow the articles as well es, if not better, than myself. Please do not change your formula too dramatically so es to ellanata a vary larga element of your readarable is ordinary familias who went nothing more than an informative, eccurate and enjoyable read, In a nutahall CU Amige Magazina.

Mr PC Hart, Chasirs.

I bought an A1200 just two years ago and, as I had no experience of computing. I was grataful to discover CU Amiga Magazina. At first a lot of what was written went over my head but them was always the something to get me going - especially the easy guide to using/unpaching cover diace. Gredually things become cleemr and I was able to rafer bach to pravious megazines for more advanced learning is the Paint tutoriels at the and of 1994. Seing Interested in video mehing I am most approciative of cover dishe such as Adorage and Videotrecher, along with the help on how to use them. The CD-ROMs have

also been maryallous. Places don't listen to eggheads like Robert Wilson - maybe he doesn't need your halp at all but lots do. For example, whilst I no longer need help unneching dishe. It is good that you include advice for othern that do. Egghanda can elways ship that bit.

Stru Trabas Marts

I feel that the points made by Robert Wilson are velld. I have several friends who own various types of Amigs and am at various stages of the learning curve, none however could be considered baginnam. We tend to learn and meaive help from each other. To own on Amiga is to become port of the natwork of Amiga enthusiasts. When prople cam this much, they am only too happy to help-

Sem Lembert, London.

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